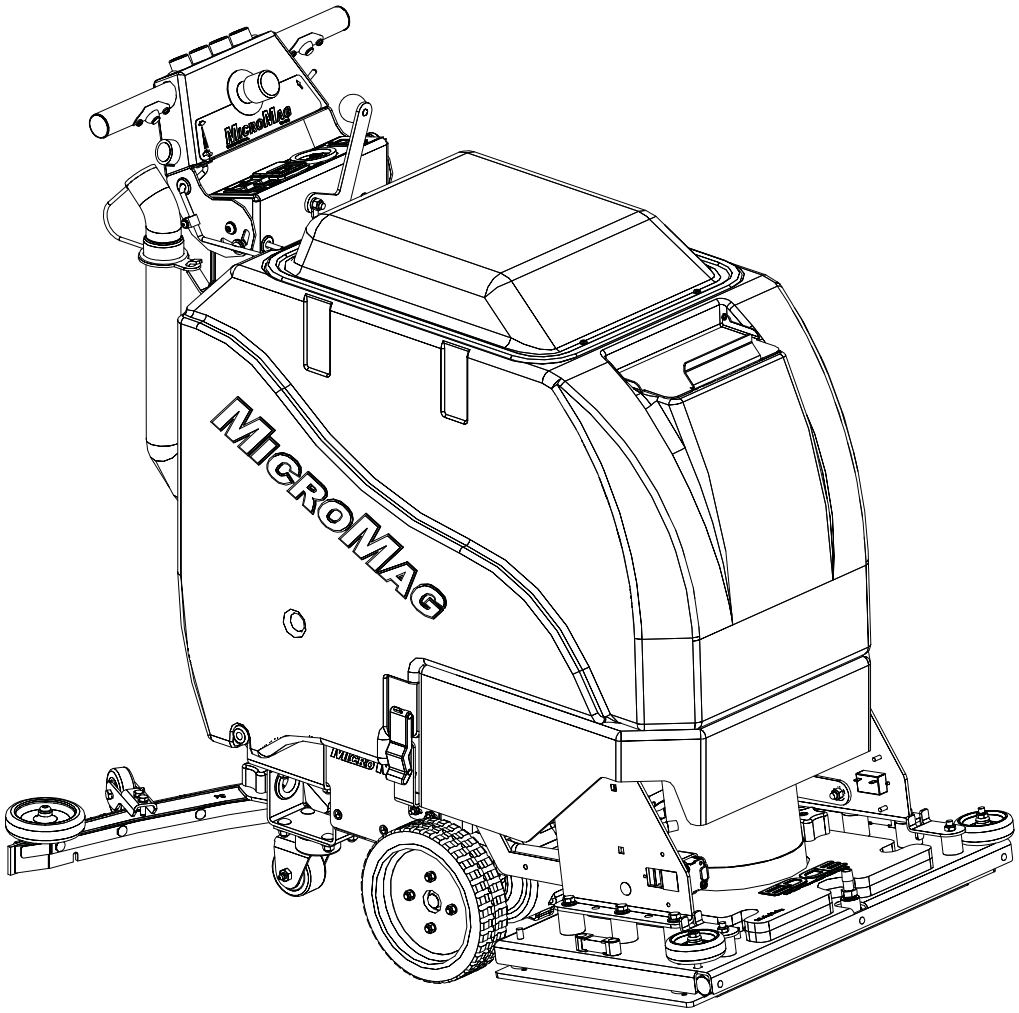
MicroMini

取扱説明書 (JP)

モデル:

20'' EDGE/ORBITZ
24'' EDGE/ORBITZ



マシンを使用する前に、これらの手順をお読みください。

マシンを使用する前に、これらの安全メッセージをお読みください。

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VERSION 14.0702
MicroMini-OP-JP

はじめに

このマニュアルは、それぞれの新しいマシンが備わっています。このマニュアルでは、オペレータはスクラバードライヤー、スイーパー、磨きベラ、または軌道スクラバーを製造して、あなたのRPSから最高のパフォーマンスを得ることができます。徹底的に動作するか、マシンの保守を行う前に、この取扱説明書をお読みください。

このマシンは、優れた性能を提供しますが、最良の結果は、ほとんど最小限のコストで得られる場合:

•マシンを定期的に維持されている - 提供機械予防保全指示に従って。

•マシンは、合理的なケアと注意して運営されています。

•マシンは、製造業者が供給部品が維持されている。

このマニュアルについて

目次: どこマニュアルで調べる方法を説明します。

安全性: セクションは、危険や機械の危険な慣行に関する重要な情報が含まれています。危険のレベルは、製品やけが、または死亡に至る重大な怪我につながる可能性が同定されています。

機械制御: あなたは別のマシンコントロールと機能を示しています。

マシンのセットアップは: スキージとブラシをインストールするアンクレートからどのようにセットアップのマシンを説明します。

操作: セクションは、マシンの動作や機能を操作者に慣れることです。

バッテリ充電: (オンボードとボードから充電) 電池を充電する方法を示します。

メンテナンス: このセクションでは、マシンを保つために予防保守が含まれており、それが良好な作動状態にあるコンポーネントです。これらは、この一般的な順に記載されています:

- •バッテリー
- •スクラブブラシ
- •スキージの調整
- •サービススケジュール
- •マシントラブル撮影

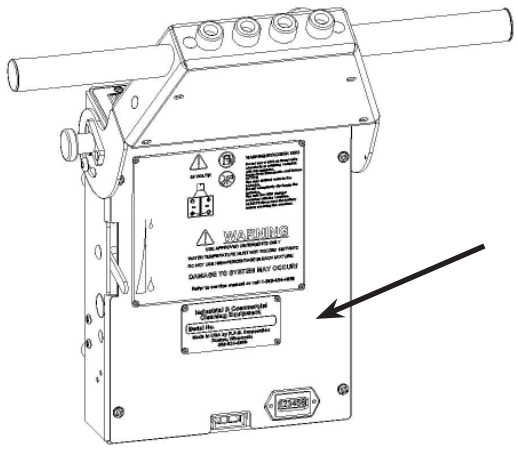
トラブルシューティング: 発生する可能性のある一般的な問題のリスト。

マシンはフォームをインストールします: で、機械設置時記入し1-866-632-6961またはオンラインにファックスされるべきである

www.rpscorporation.com。

保証ポリシー: 保証にご取材、除外や制限を指示します。

注: お使いのマシンのシリアル番号は、本体操作パネルの下半分に位置しています。



当社の方針は一定の改善1つである - すべての情報および仕様は予告なしに変更されます。

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安全メッセージ

このマニュアルで安全リマインダーの4種類が表示されます:

⚠危険

危険は、回避しないと死亡または重傷を招く危険な状況を示します。

⚠警告

警告回避しないと、死亡または重傷を招く可能性がある、潜在的に危険な状況を示しています。

⚠注意

注意回避しなければ、軽度または中程度の傷害や本機や近くの物体に損傷を与える可能性があり、潜在的に危険な状況を示しています。注意安全でない行為に対して警告するために使用することができる。

注目

注意情報が重要であると考えを示したが、ではないハザード関連。この安全メッセージは、物的損害または保証の警告に関連する可能性がある。

安全、およびその他のは非常に重要である。安全に機械を操作することは重要な責務である.

ない限り、このマシンを操作しないでください:

- あなたは、訓練を受け、そうすることを許可されている
- この取扱説明書を読み、理解している
- このマシンは、機能パーキングブレーキが装備されていない限り、2%のグレードよりも高いとの表面には

このマシンを動作させる場合:

- 回転ブラシから投影することができ、床から固定されていない物を削除
- 離れて回転ブラシに手や足をキープ
- 可燃性液体が存在しているこのマシンを操作しないでください
- 操縦するときは注意してください

機械を離れる前に:

- パークレベルの表面に機械
- 本機の電源をオフにし

機械を修理する前に:

- バッテリーを外し

⚠危険

バッテリーが充電されて爆発的な水素ガスが形成される。直火や火花は、このガスが爆発する可能性があります。重大な人身事故や財産損害が発生する場合があります。換気が十分な場所でのみで本機にバッテリーを充電してください。

⚠危険

可燃物は爆発や火災の原因になります。タンクに可燃性物質を使用するかをピックアップしないでください。

⚠警告

このマシンの電池が感電、火傷および/または感電を引き起こす可能性があります危険な電圧を生成する。いつもこのマシンの保守を行う前にバッテリーを外してください。

⚠警告

傾斜路を登るか降順場合は、必ず本機を前進。マシンを転倒しないようにするには、ランプを下にバックアップしないでください。傾斜している間で運転しないでください。ランプを昇順か降順ながら電源を入れないでください。マシンを覆すことは、重傷を負ったり死亡する可能性があります。

⚠警告

135°F/57℃を超えるように水を使用しないでください水は上の温度と言われていた場合、これはタンク保証が無効になります。

⚠警告

スロープや斜面にこのマシンを駐車しないでください。常にレベル、硬い表面にこのマシンを駐車。屋外や凹凸面にこの機械を操作しないでください。

⚠警告

このマシンの電池は、皮膚にやけどの原因となる硫酸が含まれています。バッテリー液に接触する衣類や皮膚には、すぐに冷たい水を用いて実施区域を洗い流してください。バッテリー液があなたの顔や目に入った場合は、直ちに水でエリアをフラッシュし、医師の診察を受けてください。

⚠警告

感電防止のため、電気床コンセントを介して、この機械を操作しないでください。

⚠警告

無事にドレスアップ。この機を点検整備するとき、彼らは深刻なやけどを引き起こす可能性が電気的にショートの原因となりますので、リングや金属手首の時計を着用しないでください。

⚠警告

削除しないでください、警告ステッカーを塗りつぶすか、破壊する。警告ステッカーが破損した場合、無料で交換用の1-262-681-3583を呼び出します。

⚠警告

無事にドレスアップ。この機械を操作しながら、ネクタイ、スカーフ、または緩んでいるか、ぶら下がった衣服を着用しないでください。緩んでいるか、ぶら下がっ衣服や首摩耗が重傷を負ったり死亡する原因と、回転部分にもつれができます。

⚠警告

常に無人それを離れる前に、このマシンをオフにしてください。訓練を受けていない人は、この機械を操作することはできません。

⚠警告

いいえライダーません。このマシンで乗客を運ばないでください。脚立や作業台として本機を使用しないでください。

⚠警告

あなたはランプ上で機械を操作する前に、ダイナミック·ブレーキ·システムを理解しています。マシンは、海岸があります。

⚠注意

このマシンの損傷を防止するために、メーカーが推奨するソリューションや交換部品をお手入れ。

⚠注意

すべての部品が破損したり削除されている場合は、この機械を操作しないでください。

⚠注意

常にこのマシンのバッテリを充電するために、このマシンの製造業者によって提供される自動バッテリー充電器を使用しています。これは、適切な速度でバッテリを充電するように設計されている。別の充電器を使用する必要がある場合は、電子速度制御器への損傷を避けるために、充電する前に電池を外してください。

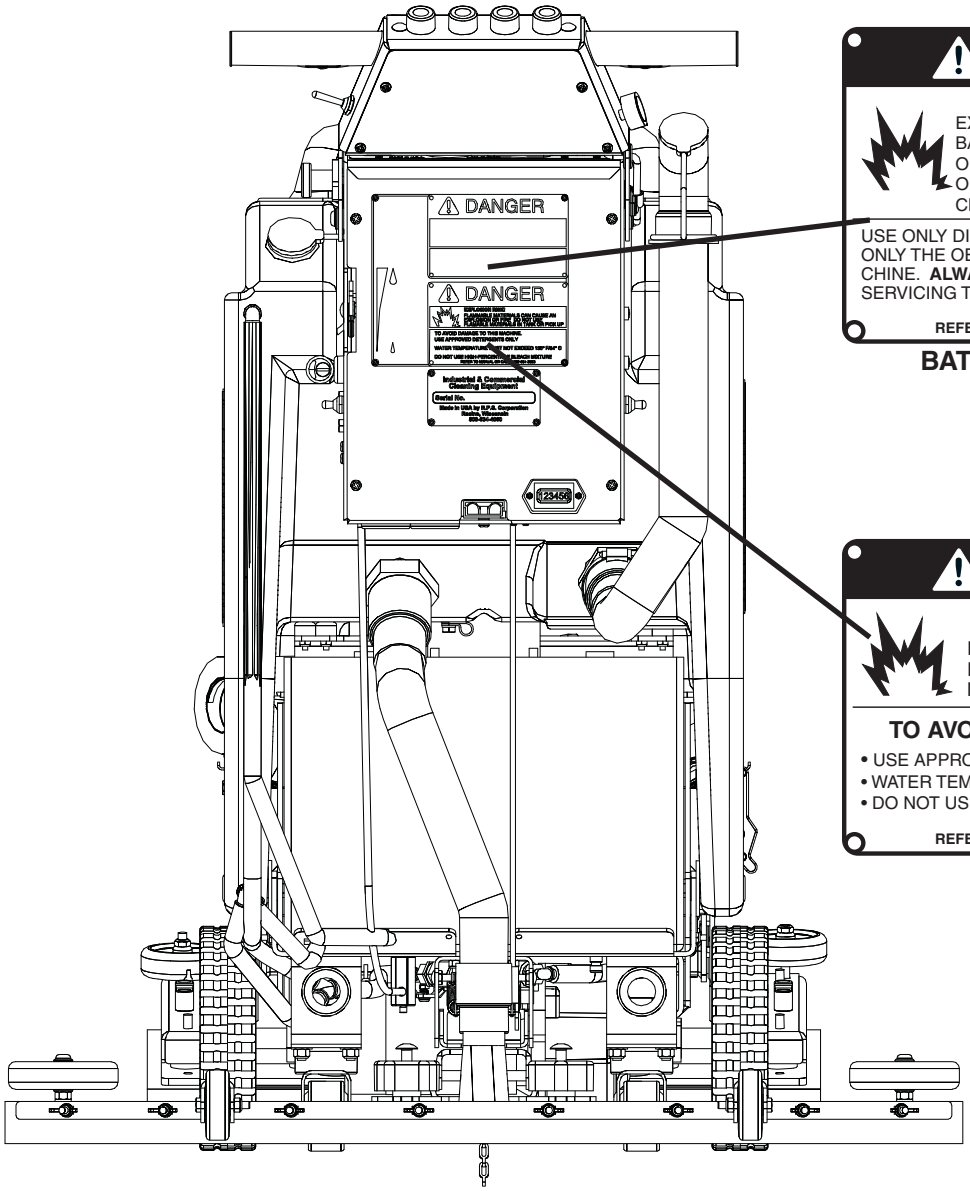
⚠注意

このマシンの電子制御部品の損傷を避けるため、屋外でこのマシンを保管しないでください。圧力がこのマシンを洗浄しないでください。

安全ラベルの位置

読んで、あなたの超小型フロアスクラバー上のすべての安全ラベルに従う。あなたはこれらのラベルについての質問がある場合は、上司に尋ねる。

どこにある超小型セーフティラベルのこれらの画像は示している。ラベルが読めなくなって、これまでならば、オフ着用や破れ、速やかに上司に報告し、それを交換してください。



DANGER

EXPLOSION RISK!

EXPLOSIVE HYDROGEN GAS FORMS WHEN BATTERIES ARE CHARGING. AN OPEN FLAME OR SPARK CAN CAUSE THIS GAS TO EXPLODE. ONLY CHARGE THE BATTERIES IN THIS MACHINE IN A WELL VENTILATED AREA.

USE ONLY DISTILLED WATER IN THE BATTERIES. USE ONLY THE OEM CHARGER PROVIDED WITH THE MACHINE. **ALWAYS** DISCONNECT THE BATTERY BEFORE SERVICING THE MACHINE.

REFER TO MANUAL OR CALL +011-262-681-3583

BATTERY CHARGING LABEL
PART #: 253-7280

DANGER

EXPLOSION RISK!

FLAMMABLE MATERIALS CAN CAUSE AN EXPLOSION OR FIRE. DO NOT USE FLAMMABLE MATERIALS IN TANK OR PICK UP.

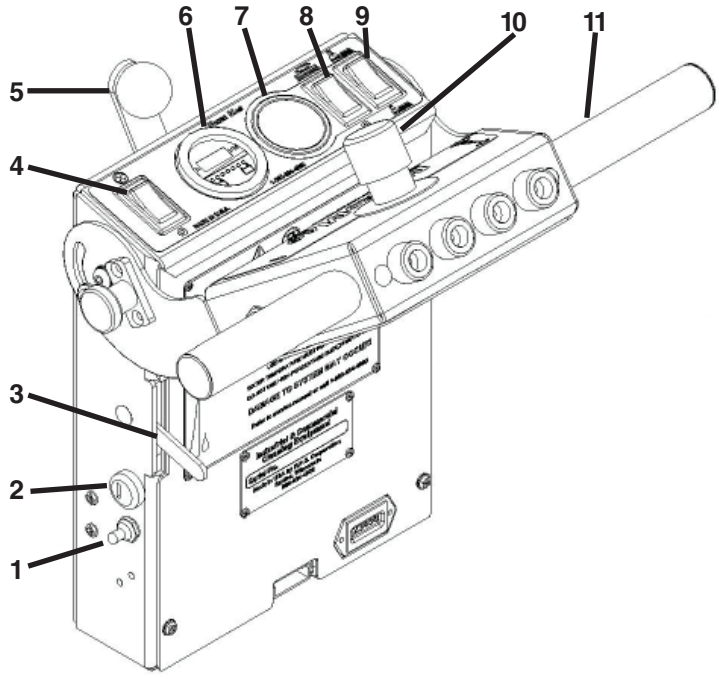
TO AVOID DAMAGE TO THIS MACHINE:

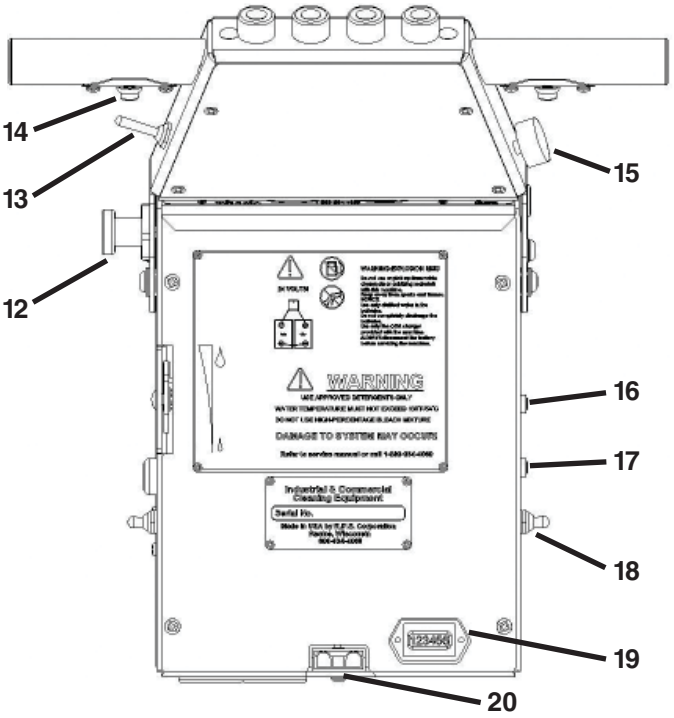
- USE APPROVED DETERGENTS ONLY
- WATER TEMPERATURE MUST NOT EXCEED 130˚F/54˚C
- DO NOT USE HIGH-PERCENTAGE BLEACH MIXTURE

REFER TO MANUAL OR CALL +011-262-681-3583

TANK LABEL
PART #: 5-728

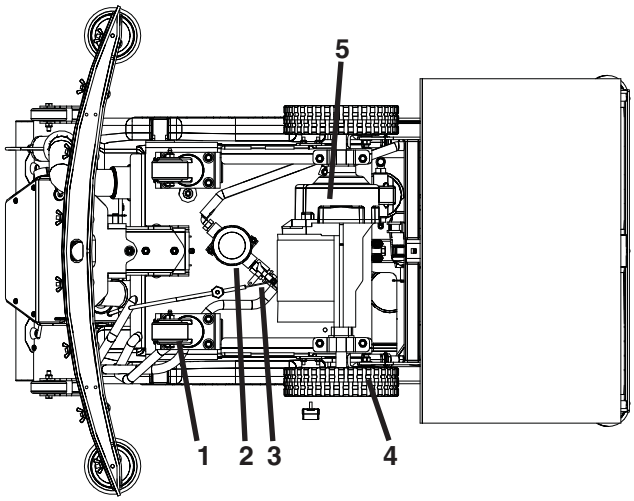
動作制御

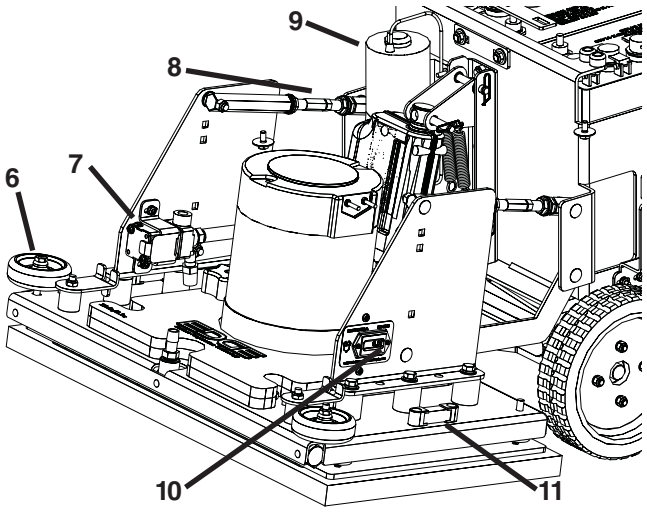




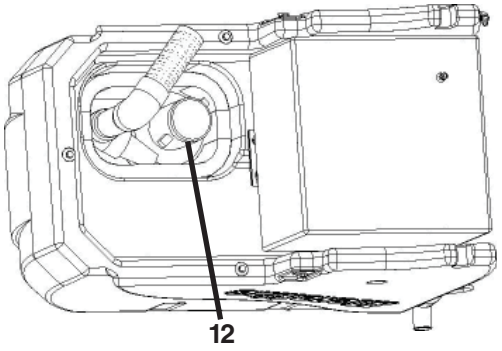
1. **主電源スイッチ（オプション）：**マシンをオンまたはオフに
2. **電源スイッチ：**マシンの電源をオンにします
3. **ソリューションコントロールレベル：**コントロール溶液の流れ（UP =より、ダウン=以下）
4. **真空スイッチ：**スキージバキュームモーターのオンとオフを切り替えます
5. **スキージリフトレバーは：**スキージを昇降させる
6. **バッテリーゲージ/アワメーターは：**電池残量の量を示します
7. **スクラブデッキダウン圧力計（オプション）：**スクラブデッキに適用されるダウン圧力の量を表示します
8. **スクラブデッキスイッチ：**オンまたはオフ＆上または下のスクラブデッキをオン
9. **ソリューションフロースイッチ：**オフ、ソリューションのフローや巻数
10. **緊急事態がスイッチ（オプション）：**を切った状態で行ってください緊急時に機械を遮断
11. **調節可能なハンドルバー：**バーを処理
12. **調節可能なハンドルバーロック：**ハンドルを調整し、所定の位置にハンドルをロックする解放する引き出し
13. **スイッチを逆：**逆のために後方に引いて
14. **リリース停止する、前進駆動するプレス：**ボタンを推進
15. **スピードコントロールノブ：**トラクションドライブの速度を制御する - の速度を減らすために、反時計回りに回し
16. **サーキットブレーカー：**真空モータのための25のAMPリセット可能なサーキットブレーカ
17. **サーキットブレーカー：**スクラブモーター用40 、AMP 、リセット可能なサーキットブレーカ
18. **スプレージェット[青ブート]（オプション）：**リモートスプレーワンド用スプレーポンプをアクティブにします
19. **再充電サイクルメーターは：**マシン上の電荷の量を表示します。
20. **充電ポート：**レッド50は、オプションの外部充電のための充電器の入力を受信するために使用 - 24Vのみ!

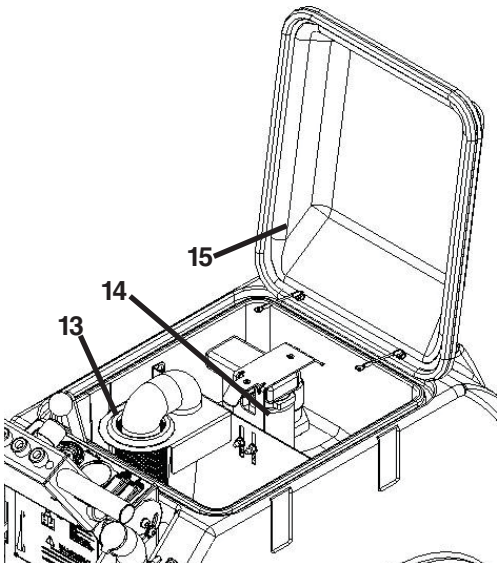
機械部品



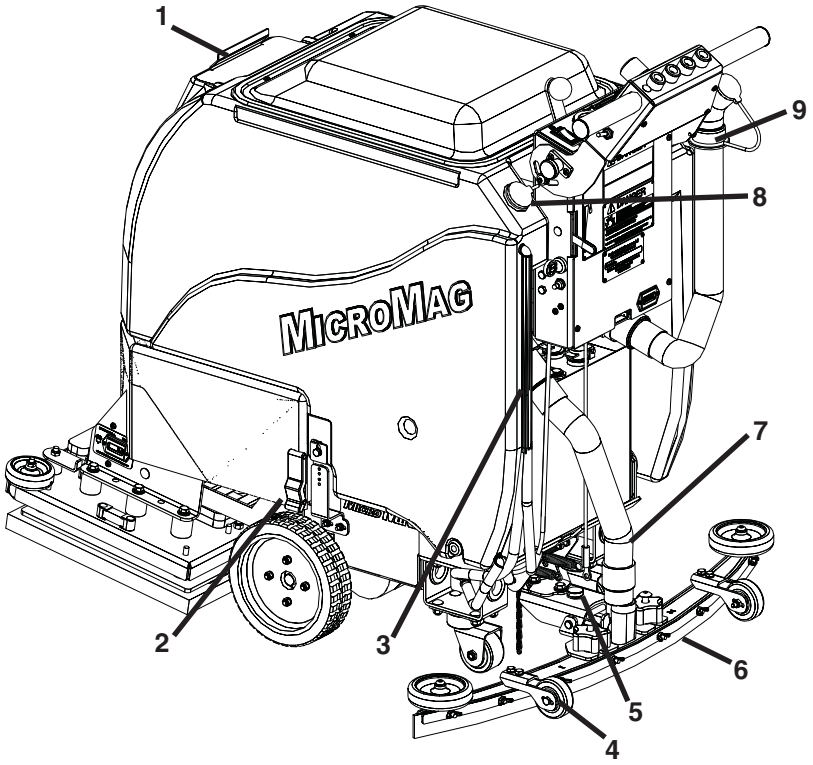


1. **キャスター：**安定性のためのツインキャスター
2. **ソリューション･フィルター：**前スクラビングに水溶液フィルタ
3. **溶液の流れが遮断弁：**メータ･ソリューション率（GPM）
4. **メインタイヤ：**ドライブのタイヤ
5. **トラクションドライブ：**マシン前進/後退を推進
6. **ウォールローラーは：**近くの壁をスクラブする際、マシンを保護するのに役立ちます
7. **ソリューションフローバルブ**（モータ停止時は消灯します）オン/オフのソリューションをオンにします
8. **デッキ調整武器：**マシンのデッキのピッチ/レベルを決定します
9. **スプレージェットスプレーノズル用モーター：**ジェットモーター（オプション）をスプレー
10. **アイソレータアワーメーター：**特にモーターアイソレータ変更アイソレータ< 250時間の交換を決定するために実行された時間の長さのためのアワーメータ
11. **デッキレベル：** - 最高のパフォーマンスを得るには、唯一の作業は、レベルデッキでマシンを使用し、マシンがスクラブされている間のデッキのレベルを表示します
12. **真空モータ：**タンク/スキージの真空を作成します。
13. **「セーバードレイン"ストレーナーは：**排水口の目詰まりを防ぐことができます
14. **真空画面：**残骸からの真空モーターを保護
15. **リカバリー蓋：**真水で汚水回収タンクエリアを洗い流すために使用





機械部品



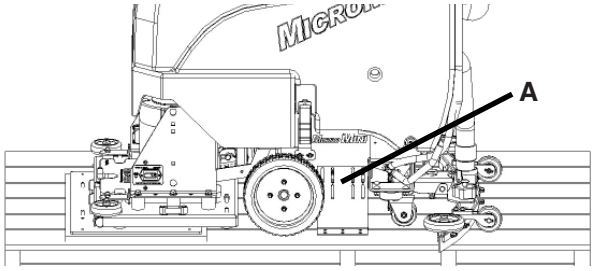
1. **フロントソリューションポイント/蓋を入力します:**フロント洗浄液タンクを充填するためのポートを埋める
2. **タンクラッチは:**フレーム、タンクを固定します
3. **ソリューションサイトチューブやホースドレン:**表示され、どのくらいきれいな水がタンクと排水きれいな水である
4. **調節可能なスキージ高ホイール:**車輪の高さは、スキージの高さに調整
5. **スキージピッチ調整:**スキージのピッチを調整 - たわみも、全体のブレードを超えなければならない
6. **スクイージーブレードは:**真空ホースによって回復されるように床面から汚れた水を回復
7. **バキュームホース:**スキージの真空を作成します（注:自由と閉塞近づかないでください）
8. **リアソリューション塗りつぶしポイント:**リアは洗浄液タンクを充填するためのポートを埋める
9. **リカバリー排水ホース:**汚水回収タンクの制御された排水を可能にします

___:

A

_____:

12 /130 AH 2 12 /150 AH AGM 24
2×



( )

1. OFF
2. Attach Battery Cables as shown below.
3. Turn *ON* main power switch and check the battery condition meter to ensure correct installation. Charge Batteries if needed **(SEE BATTERY CHARGING)**.

注目

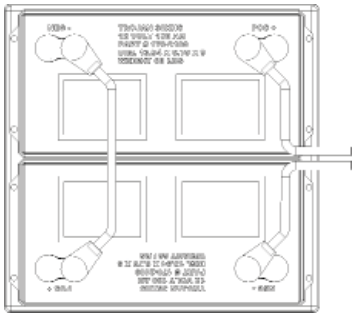
Batteries are a possible environmental hazard. Consult your Battery supplier for safe disposal methods.

注目

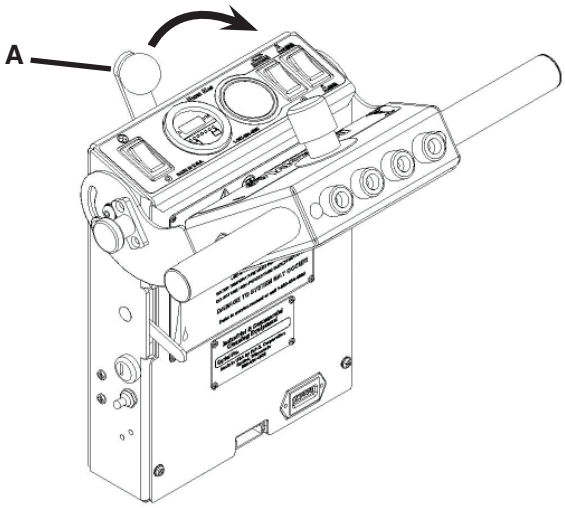
Orientation of Batteries is critical for cables to reach.

ATTACHING SQUEEGEE:

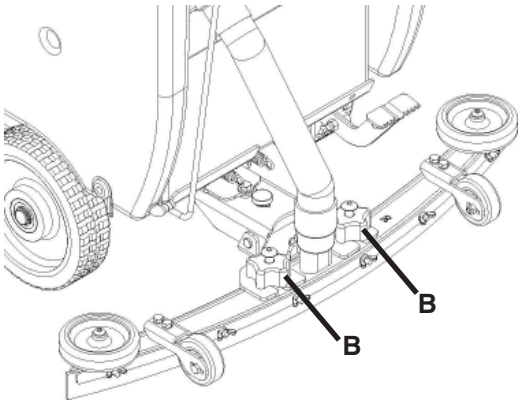
1. Lower the Squeegee Mounting Plate by rotating the Squeegee Lift Lever ***(A)*** in a clockwise motion **(SEE BELOW)**.

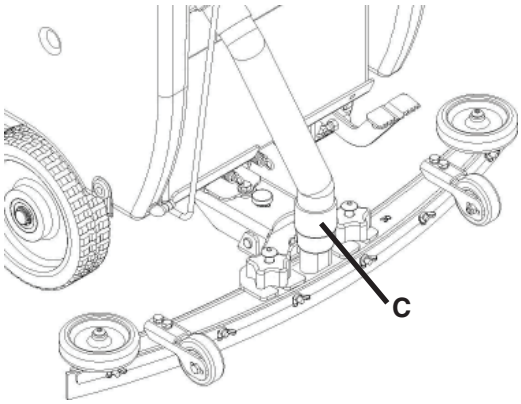


2. Loosen the two knobs ***(B)*** on the squeegee and slide them into the slots in the Squeegee Mounting Plate **(SEE BELOW)**.
3. Tighten the two knobs and connect the Vacuum Hose ***(C)*** from the machine to the Squeegee **(SEE BELOW)**.



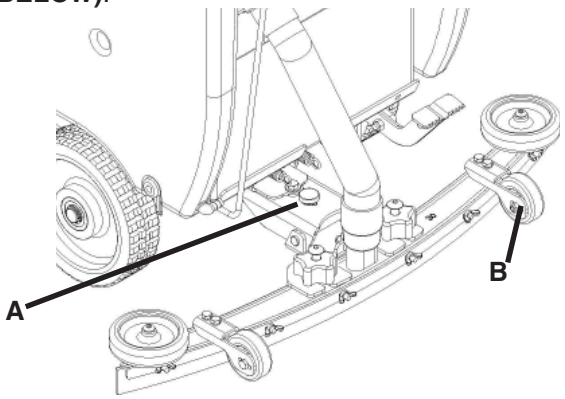
4. You may have to adjust the Squeegee Pitch **(SEE ADJUSTING SQUEEGEE ON THE NEXT PAGE)**



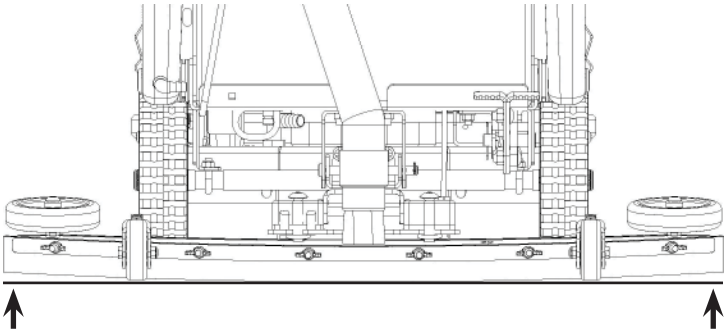


ADJUSTING SQUEEGEE:

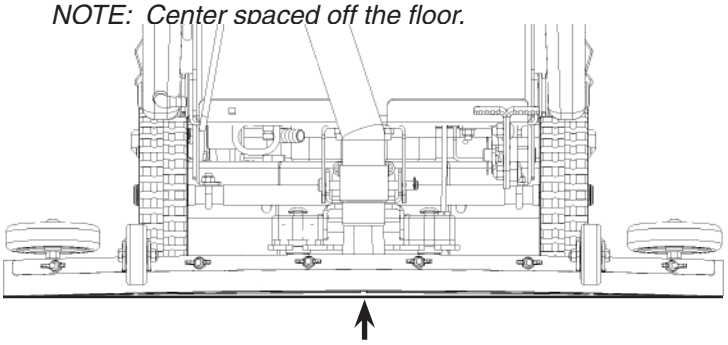
1. Turning adjustment knob ***(A)*** clockwise *(tightening)* will lower tips and raise the center of the Squeegee **(SEE BELOW)**.



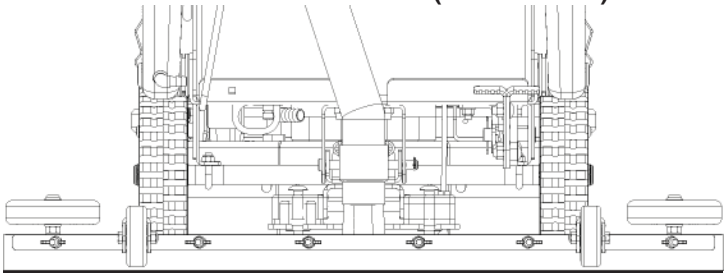
2. Adjustable Wheel ***(B)*** **(SEE ABOVE)** has 3 holes. The closer to the machine the wheel is, the further from the ground the wheel becomes. The farther from the machine the wheel is, the closer to the ground the wheel becomes.
3. This Squeegee is adjusted too far back and will not pick up on the corners **(SEE BELOW)**.
   NOTE: Tips off of the floor.



4. This Squeegee is adjusted too far forward and will not pick up in the center **(SEE BELOW)**.
   NOTE: Center spaced off the floor.

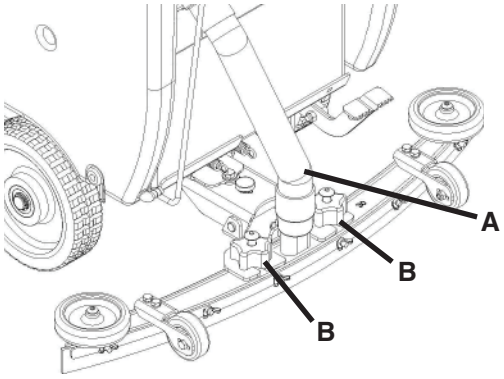


5. This squeegee is adjusted just right with good deflection across the entire rear blade **(SEE BELOW)**.



REMOVING SQUEEGEE:

1. With the Squeegee in the up position, turn machine power off.
2. Disconnect Vacuum Hose ***(A)*** from Squeegee and loosen both knobs ***(B)*** **(SEE BELOW)**.
3. Pull Squeegee assembly backward from the lifting carrier.
4. Inspect or repair as needed and reinstall.



REPLACING OR ROTATING SQUEEGEE BLADES:

FOR SAFETY: Before leaving or servicing the machine, stop on a level surface, turn off machine and remove Key.

1. Remove the Squeegee assembly from the machine. Remove Blade retainer strap and remove Squeegee Blade.
2. Rotate the Squeegee to new edge position or replace as required.
3. Install Blade on the locating pins of Squeegee assembly.
4. Install squeegee retainer strap.
5. Fasten and lock knobs, starting in the center and moving outwards.

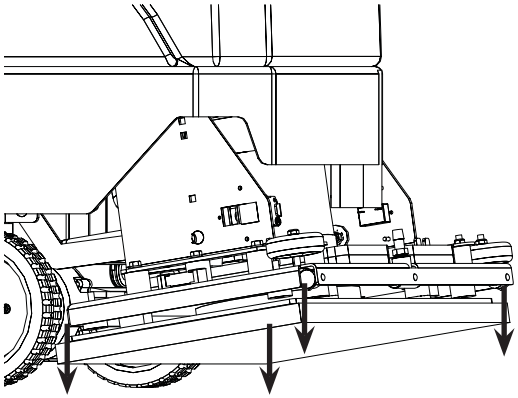
INSTALLING EDGE/ORBITZ PADS:

1. Turn on machine power.

2. Raise the Scrubdeck by depressing the Brush switch to the UP and *OFF* position and turn machine power back *OFF*.

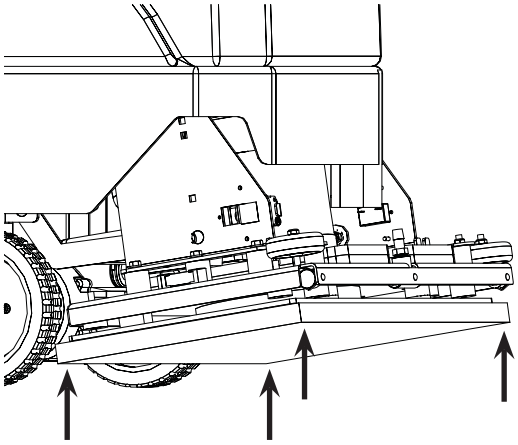
3. Select the correct Pads that best meet your cleaning application. Consult your local dealer for assistance.

4. Remove any Pad previously attached to the EDGE Grip Face by pulling down from the corners **(SEE BELOW)**.



5. Once Grip Face is clear of any Pads, place pad wanted for application centered on the Grip Face *(This will leave a ½" overhang on all sides)*.

6. Press upwards on the Pad to secure it in place **(SEE BELOW)**.



7. With Pad attached securely to Grip Face of EDGE Deck, the machine is ready to use.

LEVELING EDGE/ORBITZ DECKS:

注目

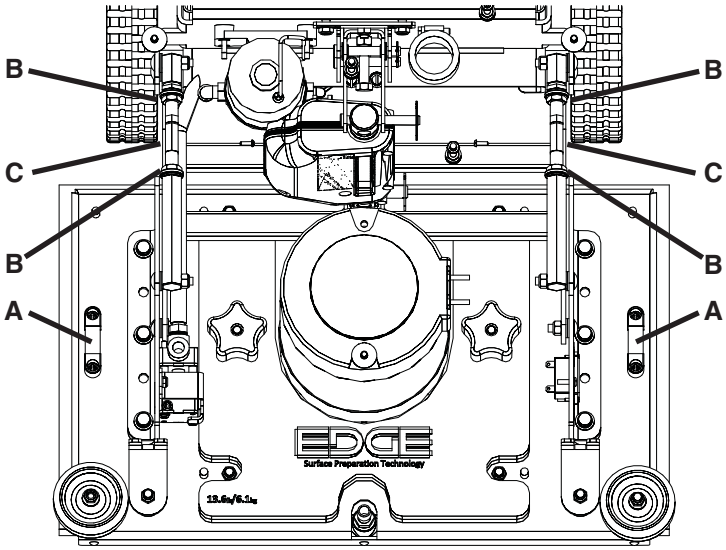
All Scrubdeck's should be level at time of machine delivery. If machine Scrubdeck is not level - Contact your Servicing Dealer.

1. Drive machine to a flat level surface and raise the Machine Deck by depressing on the Scrubdeck Switch on the control panel.

2. Turn Machine *OFF*.
   NOTE: Deck should be equipped with a Red Buff Pad or a Blue Cleaner Pad if not already.

3. With the correct Pad attached to the machine, press the Scrubdeck Switch and lower the machine deck just until it touches the floor, then turn off the machine.

4. Using Deck Levels ***(A)*** located on the sides of the Deck, make sure that the Deck is level. If not, loosen the Adjustable Arms attached to the EDGE deck by loosen the locking Nuts ***(B)*** and turning the hexagonal arm ***(C)*** on each side of the Scrubdeck to level it **(SEE BELOW)**.



5. Extending the adjustable arms raise the front and lower the rear of the Scrubdeck.

6. Once Scrubdeck is level - retighten and raise Scrubdeck.

注目

NEVER place aggressive Pads (Maroon Prep, Dominator HD Strip, etc.) directly onto the Grip Face. Always use Red or Blue Spacer pad to prevent Grip Face damage.

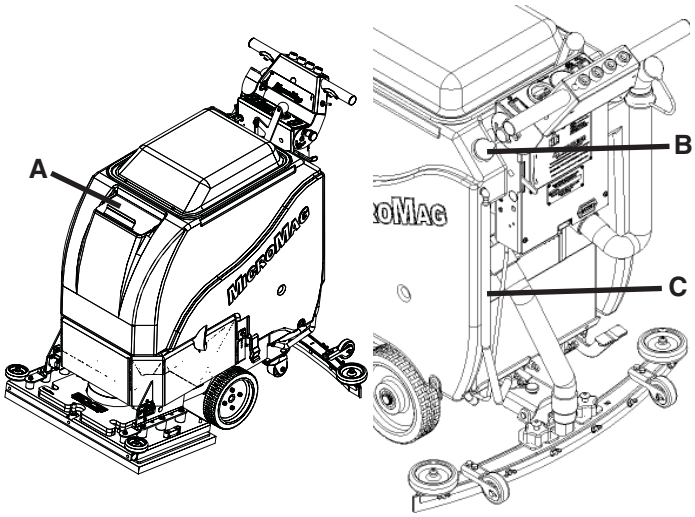
PRE-CLEANING CHECKLIST:

Read and understand the Safety Messages section on Pages 6 and 7 before operating the machine.

1. Check Battery Condition Gauge on the Control Panel. Make sure Batteries are fully charged before using.
2. Check the condition of the Pads.
3. Check the condition of the Squeegee Blades.
4. Raise the Scrubdeck and Squeegee before transporting then transport the machine to the filling station.
5. Turn the machine *OFF*.
6. Fill the tank with up to 10 gallons of clean water either at the front fill port ***(A)*** or rear fill port ***(B)*** **(SEE BELOW)**.
7. Add **APPROVED** cleaning chemical to the tank. Use the proper dilution ratio indicated on the bottle. Contact us at 1(800)-634-4060 or +011-262-681-3583 if unsure.

注目

The clear tube *(Solution Sight Tube)* ***(C)*** at the rear of the machine indicates the amount of water in the tank **(SEE BELOW)**.



⚠危険

EXPLOSION RISK! Flammable materials can cause an explosion or fire. Do NOT use flammable materials in Tank or pick up.

⚠注意

TO AVOID DAMAGE TO THIS MACHINE:

- Use approved Detergents only
- Water temperaturemust not exceed 130˚F/54˚C
- Do NOT use high-percentage Bleach mixture

OPERATING HINTS:

1. Observe the amount of solution the machine is dispensing on the floor and adjust to the desired flow. To increase the solution flow rate, pull the Solution Control Lever up. To shut the solution *OFF* completely, just release the Drive button, or use dash mounted switch.
2. Keep an eye on the clear Vacuum cover to make sure that there is not any foamy buildup in the Recovery Tank. If excess foam begins to develop, pour a recommended foam control solution into the Recovery Tank. Foam is usually an indication of excessive soap.
3. Always operate at lower speeds when scrubbing around walls and objects. You should reduce the speed to maintain control when turning.
4. If Squeegee starts to streak, raise and wipe the blades with a clean cloth. if the problem continues, check the Squeegee Blades for wear or damage and rotate if needed. You may need to pre-sweep before scrubbing. **(Only Use OEM Parts)**
5. Change or turn over Pads when dirty.
6. Stay clear of objects protruding from the floor such as sockets, grates, etc, for they will damage the Pads and Squeegee Blades.
7. Always keep an eye on your gauges. They let you know the status of a particular system at a glance. If your battery gauge is reading low you much stop immediately and recharge. Running the Batteries dead will result in damage to the Batteries.
8. When you run out of solution, raise the Scrubdeck and continue to Vacuum the remaining water until it is all consumed. The Solution Sight Tube is used to indicate the level of detergent remaining in the Tank.
9. When you are ready to stop, raise the Scrubdeck, turn *OFF* the solution switch, raise the Squeegee and drive the machine back to the charging area. Be sure to drain both Tanks before storing the machine.

ONE PASS SCRUBBING:

1. Turn on machine Power Switch ***(A)***, make sure the Speed Control Knob ***(B)*** is at a lower setting.

2. Lower the Squeegee by rotating the Squeegee Lift Lever ***(C)*** all the way to the right. Turn on Vacuum Motor with Vacuum Switch on Control Panel ***(D)***.

3. Lower Scrubdeck head to the floor by pressing the Scrubdeck Switch on the Control Panel ***(E)***.

4. Move the Solution Flow Lever ***(F)*** to regulate the amount of solution flow.

5. Begin scrubbing by pressing one of the green Drive Buttons ***(G)*** on the Handlebars. Adjust the Speed Control Knob ***(B)*** to the desired setting.

6. To operate the machine in reverse, simply pull the Reverse switch ***(H)*** back towards the Handlebar. The reverse speed is set to approximately 50% of the forward speed.

7. To stop the machine, let go of the Drive Buttons ***(G)***.

SCRUB ONLY:

1. Turn on machine Power Switch ***(A)*** while making sure the Speed Control Knob ***(B)*** is at a lower setting.

2. Lower Scrubdeck head to the floor by pressing the Scrubdeck Switch on the Control Panel ***(E)***.

3. Move the Solution Control Lever ***(F)*** to regulate the amount of solution flow.

4. Begin scrubbing by pressing one of the green Drive Buttons ***(G)*** on the Handlebars. Adjust the Speed Control Knob ***(B)*** to the desired setting.

5. To operate the machine in reverse, simply pull the Reverse Switch ***(H)*** back towards the Handlebar. The reverse speed is set to approximately 50% of the forward speed.

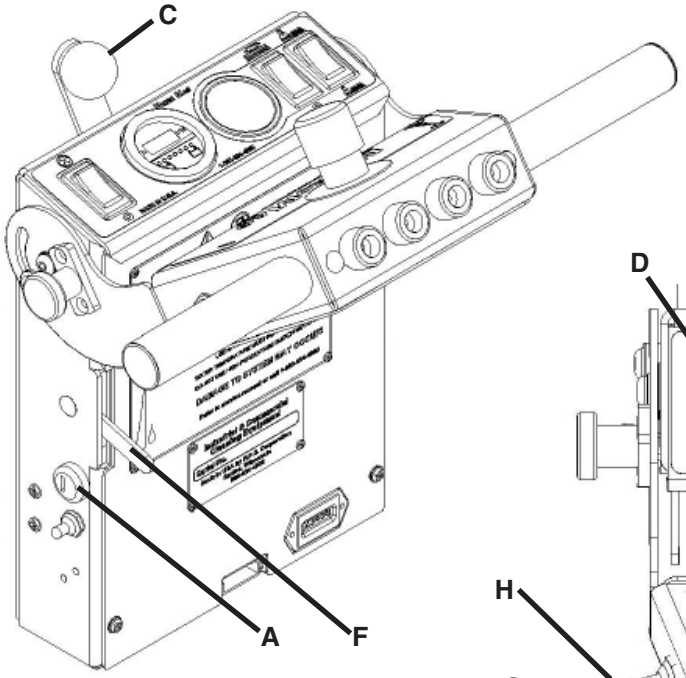
6. To stop the machine, let go of the Drive Buttons ***(G)***.

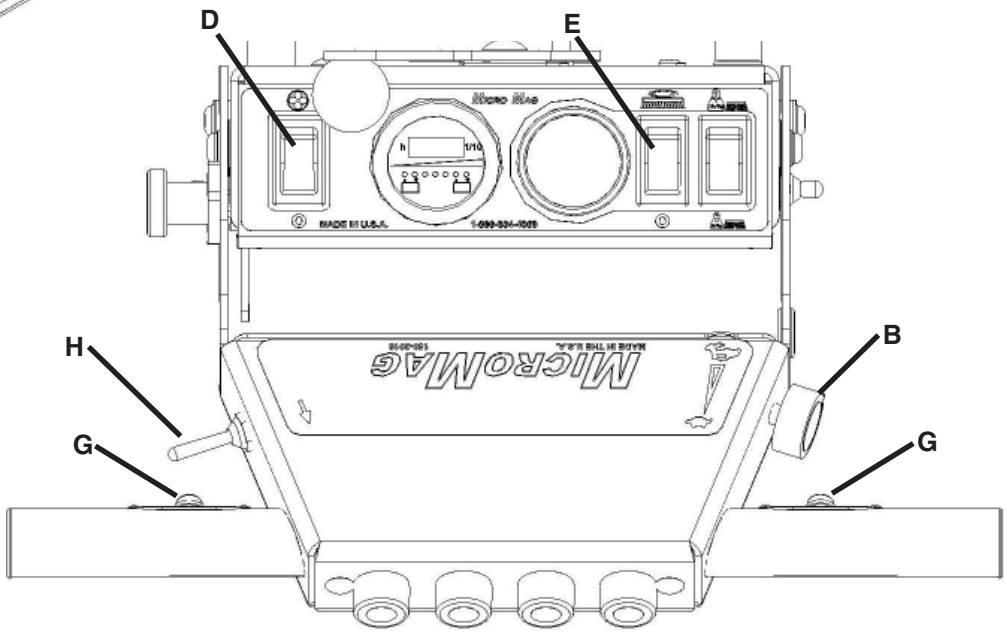
VACUUM ONLY:

1. Turn on machine Power Switch ***(A)*** while making sure the Speed Control Knob ***(B)*** is at a lower setting.

2. Lower the Squeegee by rotating the Squeegee Lift Lever ***(C)*** all the way to the right. Turn on Vacuum Motor with Vacuum Switch on Control Panel ***(D)***.

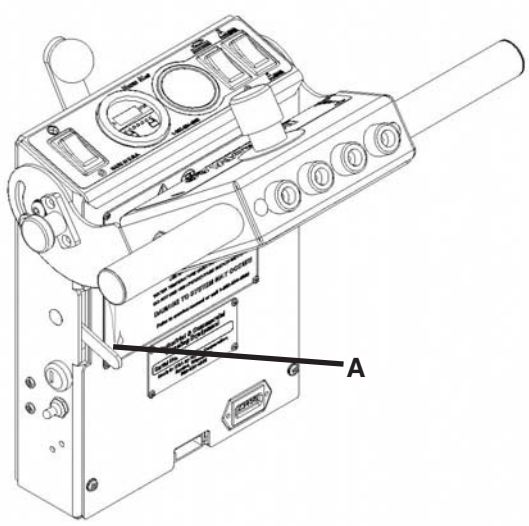
3. Begin vacuuming by pressing one of the green Drive Buttons ***(G)*** on the Handlebars.





ADJUST SOLUTION FLOW:

1. Push down on the Solution Flow Lever ***(A)*** to decrease the solution flow and push up on the lever to increase solution flow **(SEE BELOW)**.



DRAINING SOLUTION TANK:

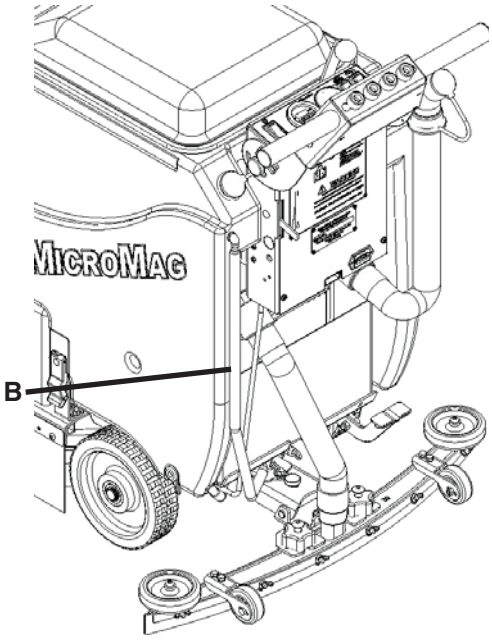
To drain unwanted cleaning solution from the Solution Tank, perform the following steps:
(SEE BELOW)

1. Pull the clear Sight Tube/Drain Hose ***(B)*** off barbed fitting.

注目

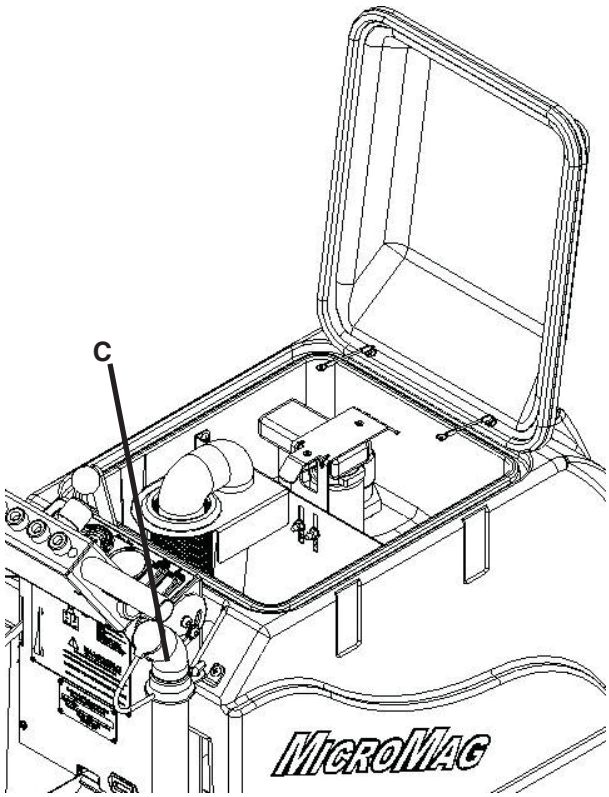
Get Supervisor APPROVAL first and drain at APPROVED locations only.

2. Rinse out Tank and solution flow system with clean water.



DRAINING RECOVERY TANK:

Always empty Recovery Tank when refilling the Solution Tank. You can refill the Solution Tank while the Recovery Tank is draining. To drain the Recovery Tank remove Drain Hose ***(C)*** from hook at rear of Tank and pop off cap **(SEE BELOW)**. Rinse with fresh water.



注目

Leave Recovery Lid open while draining Tanks. Rinse thoroughly.

注目

Get Supervisor APPROVAL first and drain at APPROVED locations only.

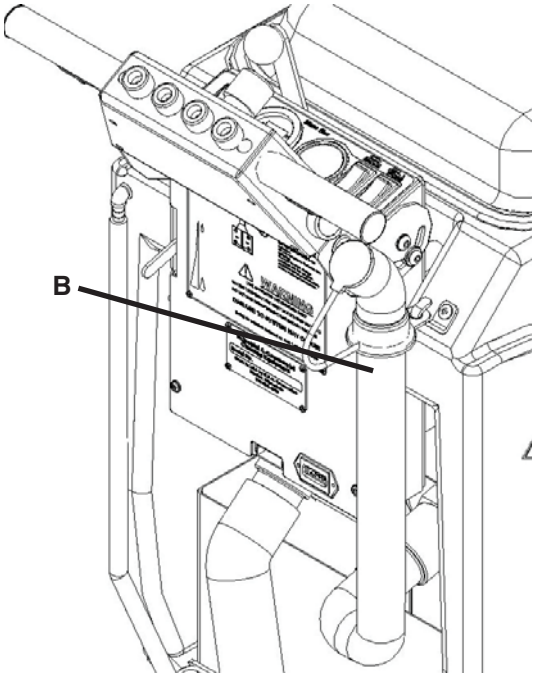
OPEN RECOVERY LID:

1. Rotate Tank Lid ***(C)*** forward and full open to rest in a tipped open position **(SEE ABOVE)**.

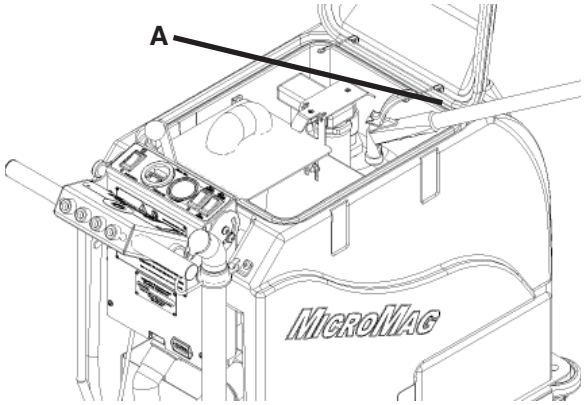
FLUSH RECOVERY TANK:

1. Rinse the Recovery Tank after every use ***(A)***. This will prevent heavy build-up on the bottom of the Tank, foul odors as well as clogging of the Drain Hose **(SEE BELOW)**.

2. Remove Drain Hose ***(B)*** and open to allow for drainage of the Recovery Tank **(SEE BELOW)**.



3. Flush Recovery Tank with water hose.



4. After rinsing, reattach the Drain Hose ***(B)*** on hook **(SEE ABOVE)**.

注目

Keep water off of Control Panel.

CLEAN "DRAIN SAVER":

With Recovery Lid open and Tank fully drained:

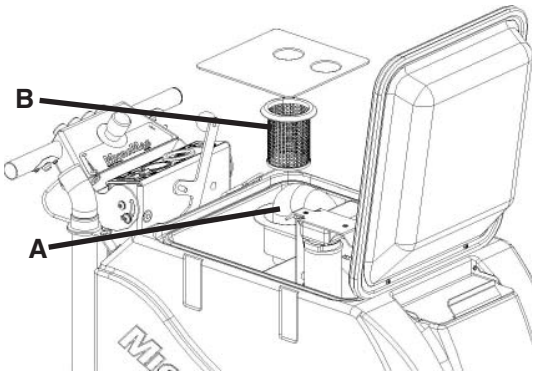
1. Remove 2" Squeegee Intake Hose ***(A)*** from "Drain Saver" strainer ***(B)*** **(SEE BELOW)**.

2. Remove stainless screen and dispose of debris.

3. Rinse screen with fresh water from the outside while holding the screen upside down. This will allow for better cleaning.

4. Replace the screen into the bracket.

5. Replace 2" Squeegee Intake Hose.



CLEAN VACUUM SCREEN:

With Recovery Lid open and Tank fully drained:

1. Remove Vacuum Screen retaining clip ***(C)*** **(SEE BELOW)**.

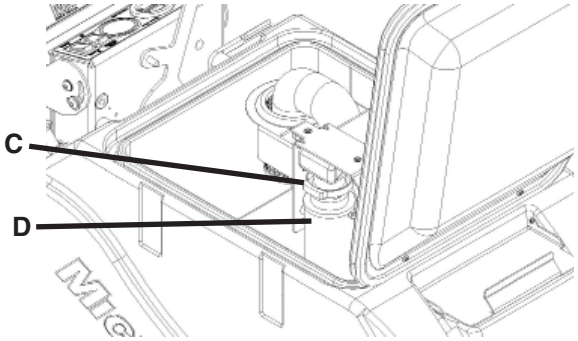
2. Pull Vacuum Screen and float ball assembly ***(D)*** off of the Vacuum box.

3. Rinse with hot water.

4. Dry thoroughly.

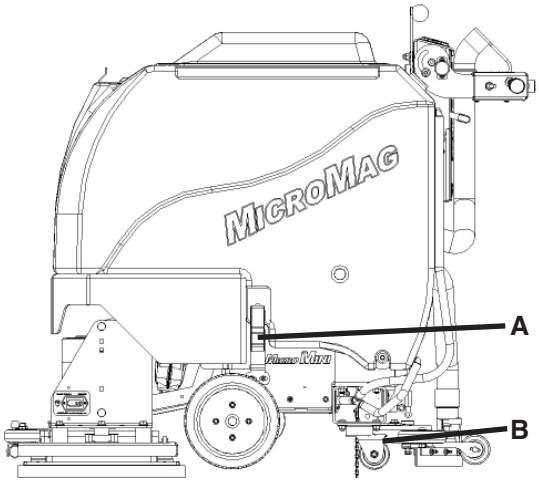
5. Replace the Vacuum Screen onto box.

6. Replace and tighten retaining clip.

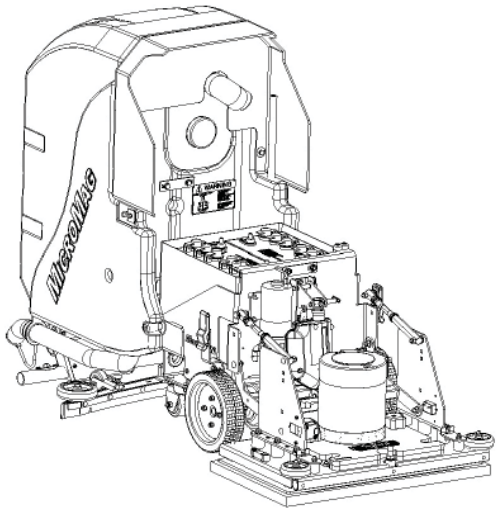


TIP TANK:

1. Fully drain Solution Tank and the Recovery Tank.
2. Remove Squeegee or place in center.
3. Unlatch Tank Latch ***(A)*** on each side of the machine **(SEE BELOW)**.



4. Tip Tank Back carefully until supported by strap **(SEE BELOW)**.

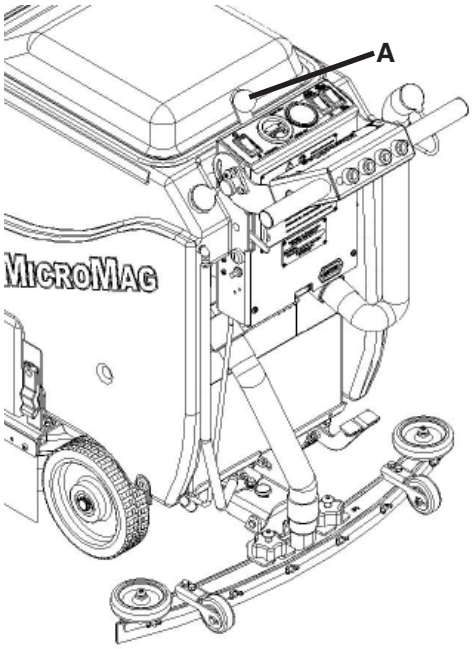


⚠注意

Casters need to be swiveled back ***(B)*** as shown, otherwise machine may tip.

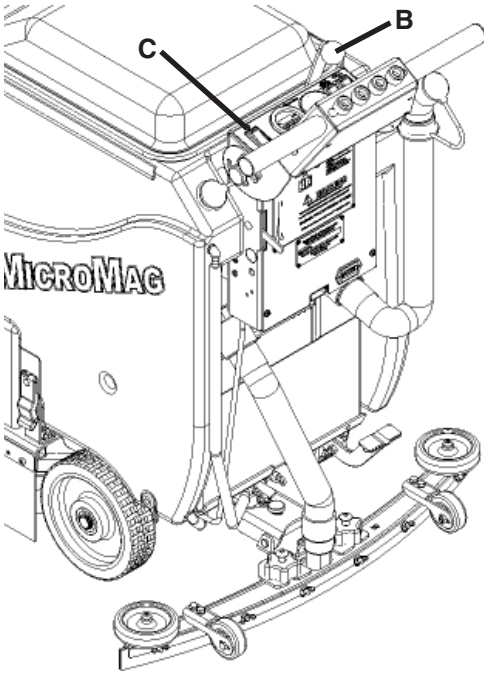
SQUEEGEE UP:

1. To raise the Squeegee off the floor, rotate Squeegee Lift Lever ***(A)*** counter-clockwise all the way to the left **(SEE BELOW)**.



SQUEEGEE DOWN:

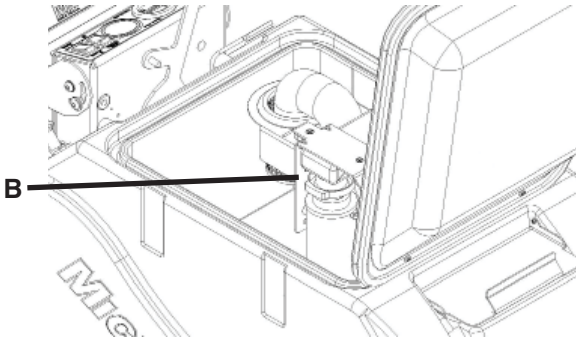
1. To Lower the Squeegee to the floor, rotate Squeegee Lift Lever ***(B)*** clockwise all the way to the right. To turn on Vacuum Motor use the Vacuum Switch ***(C)*** on the Control Panel **(SEE BELOW)**.



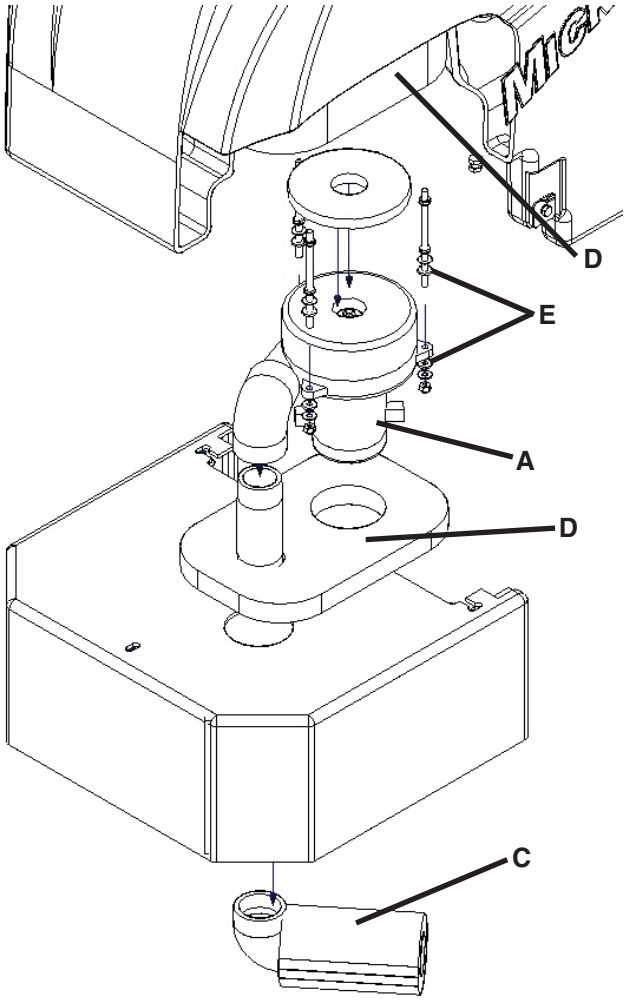
VACUUM MOTOR:

1. The machine is equipped with a 24 volt, .75HP Vacuum Motor ***(A)*** **(SEE BELOW)**.

2. If foam or water gets past the Recovery Tank's Vac Screen/Ball system, adjust the bracket ***(B)*** in the Tank upwards **(SEE BELOW)**.



3. The Vacuum Motor has an *(standard)* "Foam Muffler" ***(C)***, sound reduction walls ***(D)*** and vibration dampeners ***(E)*** that are available to quiet machine operation.



SOLUTION FILTER:

The solution system has an "Inline Filter" ***(A)*** to filter out cleaning solution prior to scrubbing **(SEE BELOW)**.

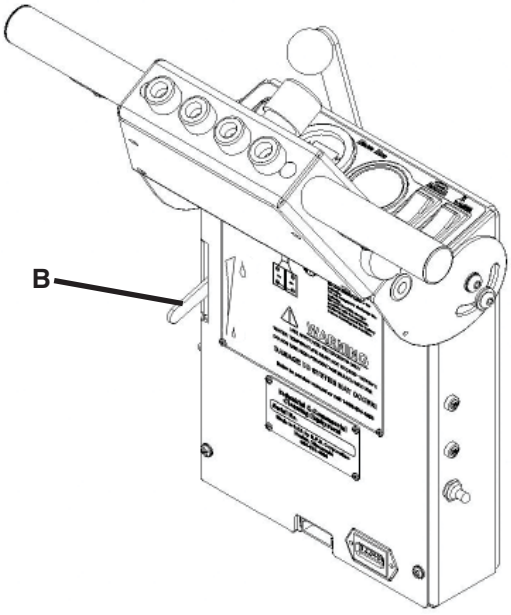
CLEANING SOLUTION FILTER:

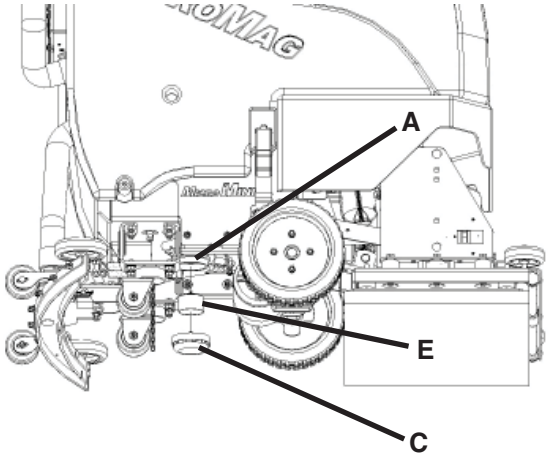
1. To clean the Solution Filter, first close Solution Flow Valve by moving lever ***(B)*** down. Then unscrew the clear cap ***(C)*** from house ***(A)*** and remove the stainless steel screen ***(E)*** **(SEE BELOW)**.

2. Rinse any debris from the screen with clean water.

3. Reinstall screen and screw cap back on tightly.

4. Re-open valve.





Charger Specifications

- Output voltage of 24 Volts
- Output current of 12 amps max
- Input voltage of 110 Volts/ 60 Hz *(220V/50 Hz available)*
- Automatic shut off circuit
- Made for Deep Cycle Batteries

⚠危険

Explosive hydrogen gas forms when Batteries are charging. An open flame or spark can cause this gas to explode. Serious personal injury or property damage could occur. Only charge the Batteries in this machine in a well ventilated area.

⚠警告

Before you service a Battery, always wear face protection, protective gloves and protective clothing. Battery acid or battery explosion can cause serious injuries.

⚠警告

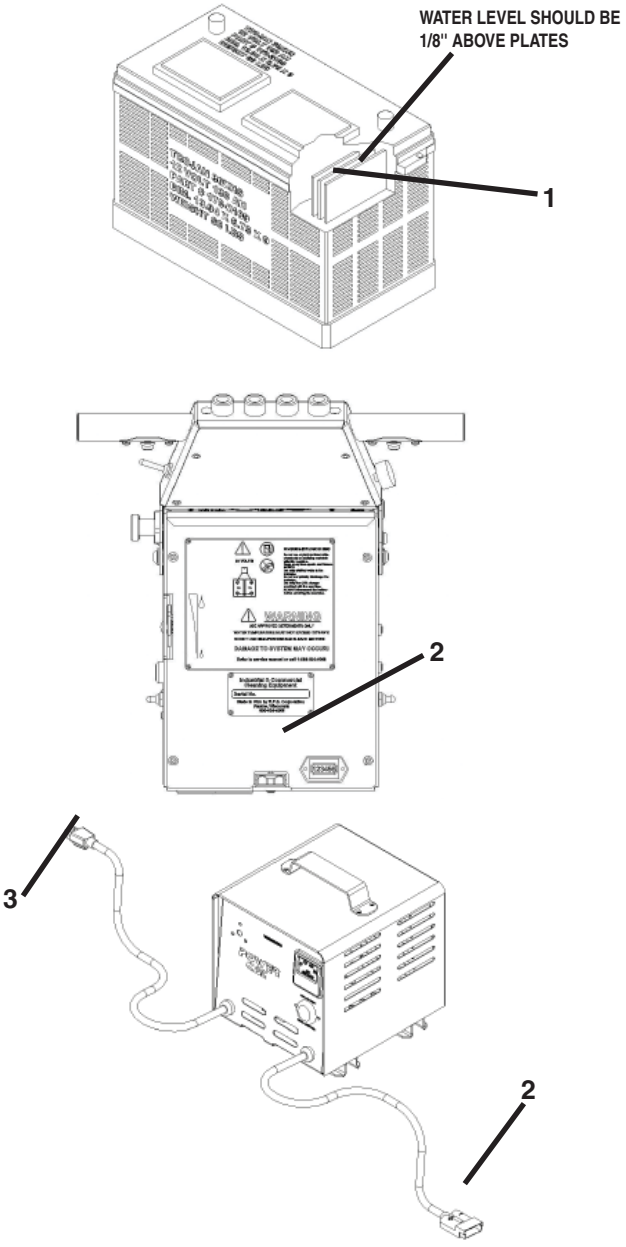
The Batteries in this machine contain sulfuric acid, which causes burns to skin. If battery acid contacts clothing or skin, rinse the effected area with cold water immediately. If battery acid gets on your face or in your eyes, flush the area immediately with cold water and seek medical attention.

⚠注意

Always use the automatic battery charger provided by the manufacturer of this machine to charge the batteries of this machine. It is designed to charge the Batteries at the appropriate rate. If you must use a different charger, disconnect the Batteries before charging to avoid damage to the electronic speed controller.

EXTERNAL BATTERY CHARGING:

1. Transport machine to a well ventilated area for charging.
2. Turn the machine off. Tip Tank back.
3. Check the water in each battery ***(1)***. Do not charge the machine unless the water is slightly higher than the plates. If needed, add enough distilled water to just slightly cover the plates. Be careful not to over fill. Batteries can overflow during charging. Replace caps before charging.
4. First, plug the red 50 Charger plug into the machine's Charger Port ***(2)***. While the Charger plug is connected, plug the Charger Power Cord into a grounded 110 Volt standard wall outlet ***(3)***.
5. The Charger will automatically begin charging and automatically shut off when fully charged *(check Battery gauge)*.
6. After the Charger has turned off - First, unplug the Charger from the wall outlet. Second, unplug the red 50 Charger plug from the machine.
7. Recheck the cell level after charging. If needed, add distilled water up to the correct level. Be certain to replace the caps securely and to wipe off the top of the Batteries with a clean cloth.



Charger Specifications

- Output voltage of 24 Volts
- Output current of 12 amps max
- Input voltage of 110 Volts/ 60 Hz
  (220V/50 Hz available)
- Automatic shut off circuit
- Made for Deep Cycle Batteries

⚠危険

Explosive hydrogen gas forms when Batteries are charging. An open flame or spark can cause this gas to explode. Serious personal injury or property damage could occur. Only charge the Batteries in this machine in a well ventilated area.

⚠警告

Before you service a Battery, always wear face protection, protective gloves and protective clothing. Battery acid or battery explosion can cause serious injuries.

⚠警告

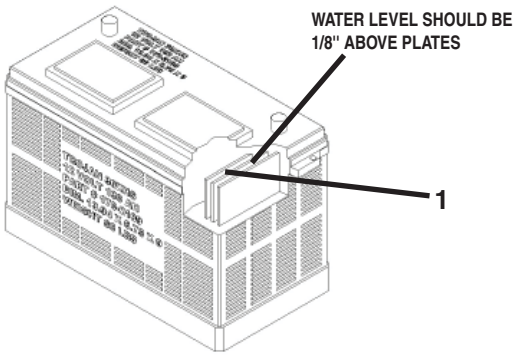
The Batteries in this machine contain sulfuric acid, which causes burns to skin. If battery acid contacts clothing or skin, rinse the effected area with cold water immediately. If battery acid gets on your face or in your eyes, flush the area immediately with cold water and seek medical attention.

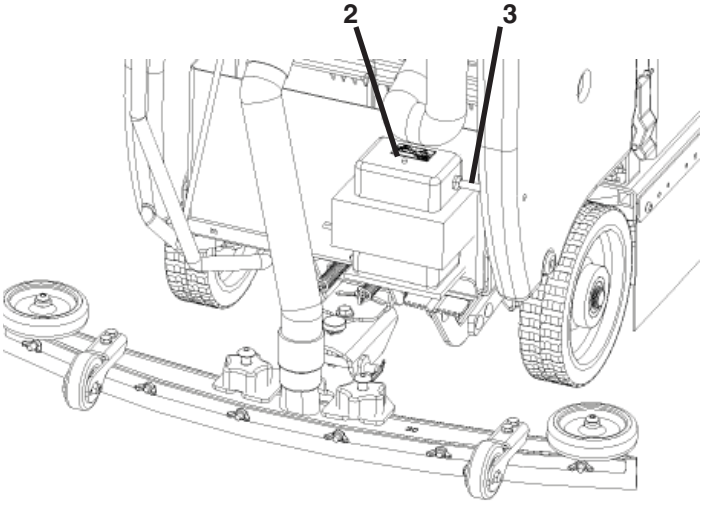
⚠注意

Always use the automatic battery charger provided by the manufacturer of this machine to charge the Batteries of this machine. It is designed to charge the Batteries at the appropriate rate. If you must use a different charger, disconnect the Batteries before charging to avoid damage to the electronic speed controller.

ON-BOARD BATTERY CHARGING (OPTIONAL):

1. Transport machine to a well ventilated area for charging.
2. Turn the machine off.
3. Check the water in each battery. ***(1)***. Do not charge the machine unless the water is slightly higher than the plates. If needed, add enough distilled water to just slightly cover the plates. Be careful not to over fill. Batteries can overflow during charging. Replace caps before charging.
4. Plug the Charger Power Cord into a grounded standard wall outlet ***(2)***.
5. The green Indicator Light ***(3)*** will come on and the Charger will automatically begin charging. When finished, the Charger will automatically shut off as well as the green indicator light *(check Battery gauge)*.
6. After the Charger has turned off, unplug the Charger from the wall outlet.
7. Recheck the cell level after charging. If needed, add distilled water up to the correct level. Be certain to replace the caps securely and to wipe off the top of the Batteries with a clean cloth.





BATTERY MAINTENANCE GUIDE

SAFETY:

⚠危険

Explosive hydrogen gas forms when batteries are charging. An open flame or spark can cause this gas to explode. Serious personal injury or property damage could occur. Only charge the Batteries in this machine in a well ventilated area.

⚠警告

The Batteries in this machine produce hazardous voltage which can cause electrical shock, burns and/or electrocution. Always disconnect Batteries before servicing this machine.

⚠警告

Before you service a Battery, always wear face protection, protective gloves and protective clothing. Battery acid or battery explosion can cause serious injuries.

⚠警告

The Batteries in this machine contain sulfuric acid, which causes burns to skin. If battery acid contacts clothing or skin, rinse the effected area with cold water immediately. If battery acid gets on your face or in your eyes, flush the area immediately with cold water and seek medical attention.

⚠警告

Dress safely. Do not wear rings or metal wrist watches when servicing this machine, as they can cause an electrical short circuit which can cause serious burns.

INSPECTION AND CLEANING:

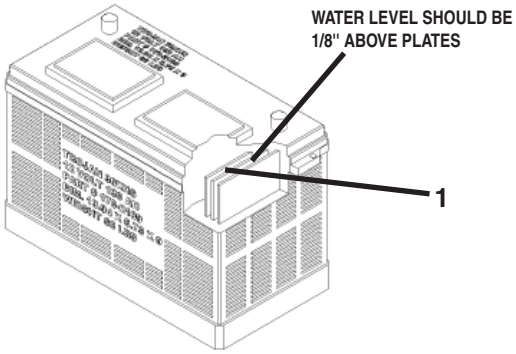
- Keep Batteries clean and dry from residue
- Check that all vent caps are tight
- Use a solution of baking soda and water to clean if acid residue on Batteries or corrosion on the terminals
- Protective spray of petroleum jelly should be applied to terminals to reduce corrosion

STORAGE:

- Batteries should be fully charged prior to and during storage
- Never store discharged Batteries
- Store batteries in a cool, dry place but never below freezing - Recharge in storage a minimum of every 30 days
- Recharge Batteries before putting them back into service

WATERING:

- Add water, NEVER ACID, to cells *(distilled water recommended)*
- Do not over water
- Before charging the Batteries, only add water if the plates are exposed. Add just enough water to cover the plates, then charge the Batteries. Once fully charged, add water to the proper level as indicated below.
- For full charge plus series Batteries add water to the maximum water level indicator ***(1)***
- Water watering, secure vent caps back on Batteries.

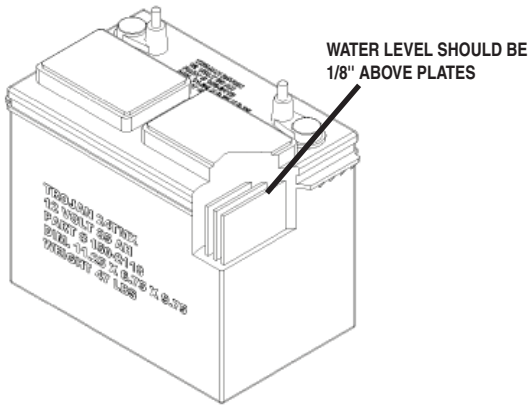


DAILY MAINTENANCE:

1. Remove the clean Pads / Brushes. Never use soiled Pads / Brushes when cleaning. Replace Pads / Brushes when they become packed with residue.
2. Remove and clean debris from the float shut-off screen and Drain Saver located inside the Recovery Tank.
3. Drain and rinse Tanks thoroughly and flush out solution feed to Scrubdeck.
4. Inspect Vacuum Hose for any objects obstructing the air flow.
5. Raise Squeegee and wipe Blades with a clean cloth. Store Squeegee in the raise position to prevent damage or setting of the Blades.
6. Wipe down machine if needed. Use a non-abrasive, non-solvent cleaner or a clean damp cloth.
7. Recharge the Batteries if needed.

WEEKLY MAINTENANCE:

1. Check Battery water level in each cell of the Batteries and fill as needed. Always use distilled water to refill Batteries. Batteries should be filled approximately 3/4" to 1" above the plates. Overfilling will cause the Batteries to leak during charging. The charging process creates gas bubbles inside the Battery, which effectively increases the volume of the electrolyte.



2. Clean Battery tops to prevent corrosion.
3. Flip EDGE pads.
4. Drain and rinse tanks thoroughly. To thoroughly flush out any solution chemicals in solution line valves, refill Solution Tank with a few gallons of warm, clean water and run the machine until Tank is empty.

MONTHLY MAINTENANCE:

1. Check Scrubhead and Squeegee lifting cables for wear and spring tension.
2. Check machine for water leaks and loose nuts and bolts.
3. Check to see if Battery cables are tightened. Tighten, if needed, 8-10 ft/lb MAX.
4. Grease caster swivel and Squeegee pivot point.

YEARLY MAINTENANCE:

Call your local dealer for yearly maintenance.

STORING MACHINE:

1. Be sure to flush the tanks out completely. To thoroughly flush out any solution chemicals in solution line and valves, refill Solution Tank with a few gallons of warm clean water and run machine until Tank is empty.
2. Open the Recovery Tank lid to promote air circulation.
3. Raise Scrubdeck and Squeegee.

CHECKING BATTERY SPECIFIC GRAVITY:

Use a hydrometer to check the Battery specific gravity.
Checking Gravity:

- Hydrometer
- Battery

注目

Do not take readings immediately after adding distilled water. If water and acid are not thoroughly mixed, the reading may not be accurate.

Check the hydrometer against this chart

SPECIFIC GRAVITY @ 80°F (27°C)	BATTERY CONDITION
1.265	100% Charged
1.225	75% Charged
1.190	50% Charged
1.155	25% Charged
1.120	Discharged

注目

If the readings are taken when the battery electrolyte is any temperature other than 80°F(27°C), the reading must be temperature corrected. To find the corrected specific gravity reading when the temperature of the battery electrolyte is other than 80°F(27°C): add (+) to the specific gravity reading 0.004 (4 points), for each 10°F(6°C) above 80°F(27°C). Subtract (-) from the specific reading 0.004 (4 points), for each 10°F(6°C) below 80°F(27°C).

MICROMINI PM RECORDS

CUSTOMER INFORMATION			
CUSTOMER		EMAIL	
ADDRESS			PHONE
CITY	STATE	ZIP	CONTACT

MACHINE INFORMATION	
MODEL #:	SERIAL #:
WORK ORDER#:	RE-CHARGE COUNTER:
CHASSIS HOUR METER:	ISOLATOR HOUR METER:
NOTE: Isolators need to be replaced on Scrubber Machines at 1000 Hours or Annually	

BATTERY CONDITION	CELL 1	CELL 2	CELL 3	CELL 4	CELL 5	CELL 6
BATTERY 1 HYDROMETER						
BATTERY 1 ELECTROLYTE CLARITY *(Clear, Cloudy, Particulate, Dark)*						
BATTERY 1 WATER LEVEL *(Overfilled, Full, Low, Dry)*						
BATTERY 2 HYDROMETER						
BATTERY 2 ELECTROLYTE CLARITY *(Clear, Cloudy, Particulate, Dark)*						
BATTERY 2 WATER LEVEL *(Overfilled, Full, Low, Dry)*						
CLEAN BATTERY TOPS. CHECK BATTERY CABLE AND TERMINAL CONDITION.						
NOTES:						

PAD CONDITION			
SCRUB BRUSH FIBER LENGTH	ROTATED BRUSHES		
DISK PAD DRIVER	GOOD	WORN	NEEDS REPLACEMENT
EDGE PAD GRIP FACE	GOOD	WORN	NEEDS REPLACEMENT

CHECK OPERATION AND CONDITION OF:	IN SPEC	REPAIR	PROBLEM
KEY SWITCH (OPTIONAL)			
BATTERY GAUGE			
BRUSH SWITCH ON / OFF			
REVERSE SWITCH (DRIVE ONLY)			
SOLUTION LEVER			
SOLUTION SOLENOID			
SCRUBDECK ACTUATOR			
BRUSH MOTOR			
VACUUM SWITCH			
VACUUM MOTOR PREFORMANCE			
SQUEEGEE LIFT SYSTEM			
SQUEEGEE ADJUSTMENT CABLE “HEIGHT”			
SQUEEGEE BLADES			
DRAIN HOSE AND PLUG			
SPRAY JET PUMP, HOSE & NOZZLE (OPTIONAL)			
BATTERY CHARGER CONNECTORS & FUNCTION			
PITCH OF SCRUB DECK (MUST BE LEVEL)			
PITCH OF EDGE DECK (MUST BE LEVEL)			

CLEAN AND / OR LUBRICATE	IN SPEC	REPAIR	PROBLEM
SOLUTION TANK CONDITION			
SQUEEGEE PIVOT POINTS & KNOBS			
SOLUTION FILTER CLEANING			
SCRUB DECK LINKAGE			

VISUALLY INSPECT	IN SPEC	REPAIR	PROBLEM
DRAIN SAVER			
VACUUM FLOATS & SCREENS			
VACUUM HOSES			
SOLUTION HOSES			
BLADE RETAINERS & HARDWARE			
SQUEEGEE WHEELS			
BRUSH SKIRTS			
CASTER CONDITION			
DRIVE WHEELS CONDITION			

COMMENTS

SERVICING DISTRIBUTOR: _____

TECHNICIAN'S NAME: _____ DATE: _____ SIGNATURE: _____

CUSTOMER'S NAME: _____ DATE: _____ SIGNATURE: _____

TROUBLE-SHOOTING

PROBLEM	CAUSE	SOLUTION
NO POWER - NOTHING OPERATES	FAULTY POWER SWITCH	CONTACT LOCAL SERVICING DEALER
	BATTERIES NEED CHARGING	SEE CHARGING BATTERIES
	FAULTY BATTERIES	REPLACE BATTERY
	LOOSE BATTERY CABLE	TIGHTEN LOOSE CABLE
	MAIN CIRCUIT BREAKER TRIPPED	WAIT 5 MINUTES FOR AUTO RESET DETERMINE CAUSE AND CORRECT
SCRUBMOTOR DOES NOT OPERATE	GREEN DRIVE BUTTON IS NOT DEPRESSED	DEPRESS BUTTON ON HANDLE BAR
	CIRCUIT BREAKER TRIPPED	RESET & REDUCE PRESSURE
	FAULTY SCRUBDECK MOTOR OR WIRES	CONTACT LOCAL SERVICING DEALER
VACUUM MOTOR DOES NOT OPERATE	FAULTY VACUUM SWITCH	REPLACE SWITCH
	CIRCUIT BREAKER TRIPPED	RESET & CHECK HOSE DETERMINE CAUSE AND CORRECT
	FAULTY VACUUM MOTOR	CONTACT LOCAL SERVICING DEALER
	CARBON BRUSHES WORN	CONTACT LOCAL SERVICING DEALER
INSUFFICIENT SOLUTION FLOW	SOLUTION TANK LOW	REFILL SOLUTION TANK
	FLOW LEVER TURNED DOWN	TURN LEVER MORE OPEN
	SOLUTION FILTER CLOGGED	REMOVE COVER AND CLEAN
	SOLUTION LINE CLOGGED	REMOVE AND BLOW OUT WITH COMPRESSED AIR
	SOLUTION VALVE CLOGGED	REMOVE COVER AND CLEAN
NO SOLUTION FLOW	NO SOLUTION IN TANK	FILL SOLUTION TANK
	SOLUTION SWITCH IS OFF	TURN SOLUTION SWITCH ON
	SOLUTION SCREEN CLOGGED	REMOVE AND CLEAN SCREEN
	FAULTY SOLUTION SOLENOID	CONTACT LOCAL SERVICING DEALER
	FAULTY SOLUTION SWITCH	CONTACT LOCAL SERVICING DEALER
POOR WATER RECOVERY	RECOVERY TANK IS FULL	EMPTY RECOVERY TANK
	BALL / SCREEN IS CLOGGED	REMOVE SCREEN AND CLEAN
	VACUUM HOSE IS CLOGGED	REMOVE DEBRIS
	SQUEEGEE IS CLOGGED	REMOVE DEBRIS
	SQUEEGE BLADE IS WORN	ROTATE OR REPLACE BLADES
	FAULTY VACUUM HOSE	CONTACT LOCAL SERVICING DEALER
	VACUUM MOTOR GASKET TORN	CONTACT LOCAL SERVICING DEALER
	TANK GASKET FAULTY	CONTACT LOCAL SERVICING DEALER
	DRAIN PLUG LOOSE	TIGHTEN PLUG
	VACUUM MOTOR FAULTY	CONTACT LOCAL SERVICING DEALER
	BATTERY CHARGE LOW	CHARGE BATTERIES OVERNIGHT

PROBLEM	CAUSE	SOLUTION
POOR WATER RECOVER ON TURNS	WIPERS WORN	REPLACE WIPER MATERIAL
	WIPERS CHATTER	TIGHTEN PIVOT POINTS
	SQUEEGEE SWING IS BINDING	CONTACT LOCAL SERVICING DEALER
	INCORRECT SQUEEGEE SIZE	CONTACT LOCAL SERVICING DEALER
TIRES NOISY	BEARING DRY	GREASE BEARINGS
	FAULTY HUBS	CONTACT LOCAL SERVICING DEALER
POOR TRACTION	EXCESSIVE BRUSH PRESSURE	REDUCE PRESSURE WITH SWITCH
	WORN DRIVE TIRE	REPLACE TIRES
	HEAVY SOAP CONCENTRATION	CONTACT LOCAL SERVICING DEALER
SHORT RUN TIME	BATTERIES RUN DOWN	CHARGE BATTERIES TWICE
	BATTERIES STILL DOWN	CONTACT LOCAL SERVICING DEALER
	BATTERIES LOW ON WATER	FILL WITH DISTILLED WATER TO ¾" ABOVE THE LEAD PLATES
	BATTERIES OVER CYCLED	CONTACT LOCAL SERVICING DEALER

MACHINE SPECS

BODY CONSTRUCTION/DIMENSIONS

TANK MATERIAL:	POLY (5⁄16") (.79375 cm)
CHASSIS CONSTRUCTION:	3⁄16" STEEL (.47625 cm)
REAR CASTERS:	(2×) 2.5"×1.38" [(2×) 6.35×3.5cm]
FRONT WHEELS:	(2×) 8"×2" [(2×) 20.32×5.08cm]
SIZE (L × W × H):	42"×21"×39" (106×53×99 cm)
SQUEEGEE SIZE:	34"
WEIGHT (WITHOUT BATTERIES):	265 LB.
WEIGHT (WITH BATTERIES):	430 LB.

SCRUBDECK SYSTEM

EDGE PAD SIZE:	20-EDGE: (1×) 20"×14" 24-EDGE: (1×) 24"×14"
EDGE SCRUBDECK MOTOR:	(1×) 1.0 hp (746 watts) / 2500 RPM
OPTIONAL SCRUBDECK MOTOR:	(1×) 1.2 hp (895 watts) / 2900 RPM
SCRUBDECK DOWN PRESSURE:	0-125 LB (0-68 kg)

SOLUTION SYSTEM

SOL. TANK CAPACITY:	10 GAL (38 liters)
SOLUTION FLOW RATE:	0 - 0.5 GPM (0 - 2 lpm)
SOLUTION FILTER:	STAINLESS / INLINE

RECOVERY SYSTEM

REC. TANK CAPACITY:	10 GAL
VACUUM POWER:	0.75 HP
DRAIN HOSE:	1.5" DIAMETER (4 cm)
VACUUM SPECS (LIFT / AIRFLOW):	70" / 70 cfm (178 cm / 21cmm)
DEMISTING CHAMBER:	1.25 GAL (5 liters)
DRAIN SAVER:	30 in^3 (70 cm^3)

BATTERY SYSTEM

SYSTEM VOLTAGE:	24 Volts
STANDARD BATTERY AH RATING:	(2×) 130 Ah
OPTIONAL BATTERY AH RATING:	(2×) 150 Ah
BATTERY RUN TIME (STANDARD):	UP TO 3 HRS.
CHARGER (AUTOMATIC):	12 AMP
CHARGER (OPTIONAL):	25 AMP

DRIVE SYSTEM

STANDARD DRIVE:	0.4 hp (298 watts), All Gear/ Sealed
FORWARD SPEED:	0-230 ft/min (4 mph) (6 kph)
REVERSE SPEED:	0-130 ft/min (2 mph) (3 kph)

PRODUCTIVITY

SCRUBBING WIDTH:	20", 24"
SCRUBBING RATE/HOUR (NORMAL):	18,474 FT/HR
SCRUBBING RATE/HOUR (MAXIMUM):	20,525 FT/HR

COMMON WEAR PARTS

EDGE PADS AND SCREENS:

DESCRIPTION	24"×14" SCRUBDECK	20"×14" SCRUBDECK	13"×19"
White Pad	N/A	EDGE-4005	N/A
Red Pad	EDGE-2404	EDGE-4004	N/A
Blue Pad	EDGE-2403	EDGE-4003	N/A
Green Pad	EDGE-2402	EDGE-4002	N/A
Black Pad	EDGE-2401	EDGE-4001	N/A
White Driver Pad	N/A	EDGE-4025	EDGE-4019
60 Grit Sand Screen	N/A	EDGE-4026	EDGE-4020
80 Grit Sand Screen	N/A	EDGE-4027	EDGE-4021
100 Grit Sand Screen	N/A	EDGE-4028	EDGE-4022
120 Grit Sand Screen	N/A	EDGE-4029	EDGE-4023
150 Grit Sand Screen	N/A	EDGE-4030	EDGE-4024
20 Grit Sand Paper	N/A	EDGE-4031	N/A
36 Grit Sand Paper	N/A	EDGE-4032	N/A
60 Grit Sand Paper	N/A	EDGE-4033	N/A
80 Grit Sand Paper	N/A	EDGE-4034	N/A
100 Grit Sand Paper	N/A	EDGE-4035	N/A
100 Grit Diamond Polishing Pad	N/A	EDGE-4012	N/A
400 Grit Diamond Polishing Pad	N/A	EDGE-4013	N/A
800 Grit Diamond Polishing Pad	N/A	EDGE-4014	N/A
1500 Grit Diamond Polishing Pad	N/A	EDGE-4015	N/A
3000 Grit Diamond Polishing Pad	N/A	EDGE-4016	N/A
6000 Grit Diamond Polishing Pad	N/A	EDGE-4070	N/A
Tile/Grout Renovator Pad	N/A	EDGE-4018	N/A
Microfiber Pad	N/A	EDGE-4036	N/A
Abrader Plate	N/A	N/A	EDGE-4011
Dominator HD Strip Pad	N/A	EDGE-4006	N/A
Maroon ECO Prep Pad	EDGE-2407	EDGE-4007	N/A
Remover Burnishing Pad	N/A	EDGE-4008	N/A
Porko Burnishing Pad	N/A	EDGE-4017	N/A
Velcro Pad	N/A	300-4023	N/A

EDGE/ORBITZ GRIP FACE:

DESCRIPTION	PART#
20" Velcro Grip Face	300-1037
24" Velcro Grip Face	300-1038
20" Mighty Lok Grip Face	300-01037Z

SQUEEGEE BLADE KITS & COMPLETE SQUEEGEE ASSEMBLIES:

SQUEEGEE SIZE	MODEL 24'' EDGE	GUM RUBBER BLADE KIT	LINATEX BLADE KIT	COMPLETE SQUEEGEE ASSEMBLIES
26'' Squeegee	Optional	130-770G	130-770L	130-7180
30'' Squeegee	Optional	150-770G	150-770L	150-7180
34'' Squeegee	Standard	180-770G	180-770L	180-7180

NOTICE

Squeegee blade kits include (1) Rear Blade, (1) Front Blade, and (2) Backup Wheels with hardware.

NOTICE

Squeegee Assemblies (complete) listed above all come with Linatex blades.

NOTICE

Size is stamped into the top of the painted steel squeegee body on all squeegee's.

NOTICE

The 26'' squeegee is designed for narrow aisles and may not have the same water control around tight turns as the large squeegees.

Industrial • Commercial • Environmentally Safe

TRADITIONAL DRUMS / TOTES

DEMO / RENTAL QUARTS

WALL-MOUNTED SUPERCON

ONBOARD AUTO DISPENSING

FORMULAS

Onboard Availability			
SUDS Approved		**707 Citrus Green**	An environmentally cleaner that works! It is a solvent free degreaser that works on oil, carbon, even rubber marks. Incorporates the latest technology in “Green Cleaning”.
SUDS Approved		**733 Low pH**	Safe on most surfaces not harmed by water alone. Low scale formula to prevent alkali buildup in cleaning equipment, while offer detergent to emulsify oil.
SUDS Approved		**755 High Power**	Ideal solvent fortified degreaser. This butyl based detergent is penetrating, fast acting, and deep cleaning with built-in corrosion inhibitors. It is our most effective degreaser.
SUDS Approved		**757 Gloss**	A high gloss detergent designed to dry to a bright shine. It is ideal for use on finished surfaces, tile, epoxy, or enamel. The special formula removes salt residue, scuff marks and dirt, while leaving no residue behind. The result is a clean, non-slip surface, ready for immediate use.
SUDS Approved		**797 HD**	The Heavy Duty concentrate is a Super alkaline detergent, formulated for heavy soil, grease, and thick buildup. Popular in machine shops, auto and truck repair, and other facilities with oil, hydraulic fluids and cutting oils.

***Below Sold in bulk concentrate only. Not available as a SuperCon, PowerDose or SUDS product.*

727 Pretreat**	Designed to quickly remove tire marks, oil stains and buildup that has accumulated. This pretreat uses the powerful cleaning of natural citrus extract and is intended to be used directly on the floor at 100% concentrate.
744 Tough Stuff**	Ideal for applications with Hard Water problems. It is safe to use in pressure washers and automatic scrubbers. The formulation enhances soil suspension, digests oil and grease, while supporting extra water conditioner.

PowerCat
P.O. Box 503
Racine, WI 53404-0503
Phone: 414-745-9337
Fax: 262-632-1630
www.powercatsolutions.com

Distributed by:

PowerCat, LLC, 2008.

STANDARD WARRANTY POLICY

RPS Corporation warrants its Machines and Original Equipment Accessories to be free of manufacturer's defects in materials or workmanship for the periods specified below. Warranty will be granted at the sole discretion of RPS Corporation and is subject to final claim and parts review by RPS Corporation and its vendors. This policy is effective January 1, 2014 and is subject to change on production units at a future date.

COVERAGE, EXCLUSIONS AND LIMITATIONS:

BATTERY POWERED MACHINES:

PARTS: 36 months or 1,500 hours (Power On meter)
LABOR: 12 months
TRAVEL: 3 months (150 mile maximum)
POLY TANKS: 7 Years or 3,000 hours (Water must not exceed 135°F/57°C)
Freight coverage for 3 Years under the parts section of warranty.

AC POWERED MACHINES:

FLOOR MACHINES: All EDGE and ORBITZ Models
PARTS: 1 Year
LABOR: 90 Days
MOTOR: 2 Years(1,500 hour)

ZERO$_3$ WALL MOUNT/PORTABLE UNITS: Unit Must be Shipped back to Factory
PARTS: 6 Month

BACKPACK VACUUMS: Unit Must be Shipped back to Factory
PARTS: 3 Years
LABOR: 3 Years

CARPET SPOTTER/EXTRACTOR: Unit Must be Shipped back to Factory
PARTS: 3 Years
LABOR: 3 Years

NEW PARTS: 90 day warranty on OEM replacement parts (when installed by an authorized dealer)

VALIDITY: Machine is serviced by Factory Authorized Personnel and a fully completed Machine Delivery Form (online or fax) is on record at RPS Corporation.

LIMITATION: Warranty will begin on date of machine installation to end-user or 6 months after shipment from RPS Corporation to the distributor if unsold at that time.

This warranty includes all parts and original equipment accessories on the machine except **normal wear items**.
Some examples of these wear item exclusions are:

- EDGE/ORBITZ isolators (1,000 hours on average)
- EDGE/ORBITZ Grip Face
- Squeegee Blades, Wiper Blades, Skirts and Curtains.
- Caster Wheels, Squeegee Wheels and Bumpers.
- Lights (Strobe, Headlights, or Bulbs).
- Chains and Belts.
- Filters, Screens, and Vacuum Bags.
- Motor Brushes and/or commutator wear.
- Brooms, Brushes, Pads and Pad Retainers.
- Hoses and Tubing.
- Drive Tires, Foam Filled/Pneumatic Wheels, Tubes or Valve Stems.
- Rubber Floor Seals or Gaskets.
- Vacuum motors with evidence of moisture or debris intrusion or > 400 hours.
- Batteries (see below)

NOT COVERED: Routine maintenance, adjustments or parts damaged from abuse, neglect, improper use of the machine, or lack of scheduled "daily, weekly, monthly" maintenance in accordance with our published PM Sheets.

BATTERIES: Warranted through the battery manufacturer for One Year (pro-rated) from the date of delivery. The battery manufacturer approves or denies the warranty coverage after their analysis. Labor and Travel credit through RPS is applicable once a warranty defect has been confirmed.

NOT COVERED: Damage from lack of maintenance/lack of water, use of a non-OEM charger, or use of non-distilled water.

BATTERY TERMINALS: Battery terminals and cable connections are covered for 30 days from the shipment of the machine. (Battery terminals and cables should be inspected, cleaned and secured upon installation of the machine and then every 30 days thereafter.)

MACHINE INSTALL / WARRANTY REGISTRATION

Installing Dealer: _____ **Installed By:** _____

Location: (City, State): _____ **Install Date:** _____

End-User Company Name: _____ **End-User Contact:** _____

Address: _____ **City/State:** _____ **Zip:** _____

Phone: _____ **Fax:** _____ **Email:** _____

Model: _____ **Serial #:** _____ **Hour Meter:** _____

BUYER'S REPRESENTATIVE HAS RECEIVED INSTRUCTION IN PROPER OPERATION OF THE FOLLOWING CONTROLS AND FEATURES:

SCRUBBERS:

- ☐ - Filling solution tank, Solution tank sight tube, Solution drain hose or valve for flushing and freezing conditions
- ☐ - Adjusting controls & operation, Double scrubbing, Squeegee lift delay, High Recovery RED Light, vacuum switch (horn honking) and vacuum timer
- ☐ - Recovery tank draining & cleaning in APPROVED locations only, Common Squeegee hose clog points, vacuum screen removal and cleaning, drain saver basket emptied
- ☐ - Shroud and pad/brush removal and installation
- ☐ - Side Wiper and Curtain adjustment and maintenance for water control
- ☐ - Solution valve and filter operation (removal and cleaning)
- ☐ - LCD display operation, 4 hour meters (key switch, brush, traction drive, vacuum)
- ☐ - Tank tilt back feature, only when both tanks are fully drained
- ☐ - Squeegee hose removal and checking for clogs

BURNISHERS

- ☐ -Train and have customer demonstrate proper removal and replacement of burnishing pad
- ☐ - Pad pressure gauge and proper operating range to avoid tripping the circuit breaker

SWEEPERS

- ☐ - Demonstrate proper removal and replacement of main broom and side brooms
- ☐ - Method for cleaning the dust filter, emptying out the debris hopper and correct installation
- ☐ - Correct operation of the main broom and side broom levers, and understands to park with brushes in UP position
- ☐ - Trained on the "Wet-Sweep" bypass door and not to operate through standing water

EDGE / ORBITZ MACHINES

- ☐ - EDGE / ORBITZ scrubbers must have their isolators & deck hour meter replaced every 1,000 hours of use
- ☐ - Customer understands the Grip Face is not warranted against damage from improper use or direct contact with the floor

ALL MACHINES

- ☐ - Checking for proper battery electrolyte level, electrolyte condition monthly, and check that battery terminals are properly torqued to 10ft/lbs
- ☐ - Parking Brake works and Park Brake Override functions if installed / Always park on a solid and level surface, NEVER on a movable or inclinded surface
- ☐ - Charging operation and customer understands batteries have limited "cycles" and recharging = 1 cycle
- ☐ - Seat and steering wheel adjustment
- ☐ - Customer has read and understands the list of WARNINGS/CAUTIONS in the Operator manual
- ☐ - Battery and Machine Maintenance Guide posters hung up and reviewed
- ☐ - Manufacturer's website is a good source of information (Videos, PM Sheets) and sign up for quarterly newsletters
- ☐ - Operators and Parts manuals were delivered, reviewed, understood, and confirmation preventive maintenance is done every 100 hours of use and recorded on PM Sheets provided online or in manuals

Installed By (print) _____ **Signature** _____

Buyers Representative (print) _____ **Signature** _____

Buyer agrees to pay for any repairs, adjustments, or secondary training that manufacturer determines is excluded from the warranty.

Complete Online at www.rpscorporation.com

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1711 South Street
Racine, WI 53404
www.rpscorporation.com
www.factorycat.com
www.tomcatequip.com
Tel. US: 800-634-4060
Tel. Int: (011) 262-681-3583

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